NEFIX

Adhesives & Construction Chemicals

CATALOG

nefix.com.tr

NEFIX
PU FOAM PRODUCTS

nefix.com.tr

NF 100

PU FOAM MULTI PURPOSE

One-component, moisture-curing and self-expanding aerosol polyurethane foam. It is designed for easy dispensing through the straw adapter included with each can. It does not contain any propellant gases that are harmful to the ozone layer. • Excellent adhesion & filling capacity • Straw use, manual type, high expansion • Mould-proof, water-proof & over paintable

Code	Type	Volume	Box
NF 100	Standard	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, water-proof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612) :
Compression Strength	0,03 MPa (DIN 53421) : 11.7±0.8
Tensile strength	(SO1926-79) : ±10% (ISO2796/86) : 0
Dimensional stability	(ISO2896-87) : max. 1 vol% (DIN
Water penetration Water	53428) : min.5°C max. +30°C : -40°C
Absorption Can	to +80°C : -2°C to +30°C
Temperature	
Temperature Resistance	
Application Temperature	

NF 101

PU GUN FOAM MULTI PURPOSE

One-component PU foam used with an applicator gun and features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer. • Excellent adhesion & filling capacity • Gun use, low expansion, professional type • Mould-proof, water-proof & over paintable

Code	Type	Volume	Box
NF 101	Standard	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion& filling capacity and high thermal & acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters depending on temperature and humidity. Conforms to fire class B3 according to DIN 4102-1. Mould-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 19±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +80°C
Application Temperature	: +5°C to +30°C

NF 102

MEGA
PU GUN FOAM 70L

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High yield up to 70 lt.
- Excellent adhesion to common construction materials
- Mould-proof, water-proof & over paintable

Code	Type	Volume	Box
NF 102	Mega	1020 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

High yield up to 70 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 19±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 65-70 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +80°C
Application Temperature	: +5°C to +30°C

NF 103

LOW EXPANSION DOOR & WINDOW PU FOAM

One-component, moisture-curing and self-expanding aerosolpolyurethane foam. It is designed for easy dispensing through the strawadapter included with each can. As a straw foam, behaves like a gun foam. Straw use but has low expansion like gun use foams. It does not contain any propellant gases that are harmful to the ozone layer. • As a straw foam, behaves like a gun foam • Mould-proof, water-proof & over paintable

EXCELLENT**STABILITY**

PU FOAM

Code	Type	Volume	Box
NF 103	Low Expansion	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrationsin walls. Insulating electrical outlets and water pipes.

Features

Excellent adhesion & filling capacity and high thermal & acoustical insulation value. Excellent mounting capacity and stability. Adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon, silicone and surfaces contaminated with oils and greases, mold release agents and similar materials. Mould-proof, waterproof, over paintable. Cured foam dries rigid and can be trimmed, shaped and sanded.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water penetration Water	: 0 (ISO 2896-87)
Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +80°C
Application Temperature	: +5°C to +30°C

NF 104

ADHESIVE PU FOAM

XPS, EPS AND INSULATION PANELS

One component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.
• Powerful adhesion • More economical • Up to 10 m2 yield

Code	Type	Volume	Box
NF 104	Adhesive	850 g.	12

Application Areas

Best for mounting heat insulation panels and filling voids during adhesive application. Also advised for wooden type construction material bonding to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

Features

Powerful adhesion of polystyrene heat panels (XPS and EPS). Ready to mechanical fastening in two hours. More economical. Ready to use in aerosol can. Up to 10 m2 heat insulation panel adhesion for each can. Minimum expansion during drying period. After dried, no further expansion and shrinkage. A lighter material compared to plaster which used in heat insulation systems. No more extra burden or weight to building. Depending on the humidity and temperature.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time Foam Colour	: 24 hours
Yield Volumetric Yield	: Light pink
Elongation at break	: 30 - 45L (ASTM C1536)
Expanding volume (at wall)	: = ~10 m2
Compression Strength	: 13,6%
Tensile Strength	: Minimal
Temperature Resistance	: 0,03 MPa (DIN 53421)
Application Temperature	: 12,1 N/ cm2
	: -40°C to +100°C
	: 0°C to +30°C

NF 105

FAST ADHESIVE PU FOAM

Fast Curing Adhesive PU Foam is a professional type, gun grade, ready to use product. It is used for fast and strong bonding of all kinds of construction materials, especially thermal insulation boards. Within 60 seconds, initial adhesion occurs and adheres securely after 5 minutes. • Just 1 min. • Powerful adhesion • Up to 15 m2 yield

Code	Type	Volume	Box
NF 105	Adhesive	850 g.	12

Application Areas

Mounting large insulation/finishing boards. Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Mounting decorative elements. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam boards. Cellular lightweight concrete elements. Ornamental precasts. Natural & manufactured stones. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed.

Features

One component, fast curing, easy to use adhesive foam. 30-40% saves time, because it can be cured and applied quickly according to other insulating processes. It is 30-40% more economical than other insulation processes. Up to 15 m2 heat insulation panel (EPS, XPS) adhesion for each can. Powerful adhesion to polystyrene heat insulating panels (XPS and EPS) and other construction materials. Provides initial adhesion within 60 seconds. It allows the connection of the heat insulating panels within an average of 30 minutes. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Usable at low temperature like -6 °C. It does not contain any propellant gases which are harmful to the ozone layer. Fire class B3 according to DIN 4102-1.

Technical Properties

Basis	: Polyurethane
Curing System	: Moisture
Cure Specific Gravity	: 21 ± 3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 2 ± 0.5 min. (ASTM C1620)
Cutting Time (1cm width)	: 10-15 min. (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Yellowish/Beige
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Expanding Volume (at wall)	: Minimal
Yield Thermal Conductivity	: Up to 14m2
Compression Strength Shear	: 0,036 W/m.K (20°C) (DIN 52612)
Strength Temperature	: 0,030 MPa
Resistance Application	: 15,5 N/ cm2
Temperature	: -40°C to +100°C
	: -6 °C to +30°C

NF 106

ADHESIVE PU FOAM CONCRETE STONE & BRICK

Professional type, gun grade, ready to use adhesive foam. Specially designed to bond construction elements like aerated blocks and different kind of bricks. • High yield • Powerful adhesion • Collapsing gel adhesive

Code	Type	Volume	Box
NF 106	Adhesive	850 g.	12

Application Areas

One component, fast curing, easy to use adhesive foam. Bonding blocks and stones during construction works. Powerful adhesion to concrete and stone variations. Suitable to use at interior and exterior applications. Remarkable resistance to weather conditions. Doesn't form thermal bridges, thanks to the excellent thermal insulation. More economical, practical and easy to use. Minimum expansion during drying period. After dried, no further expansion or shrinkage. No more extra burden or weight to building. Usable at low temperature like 0°C. It does not contain any propellant gases which are harmful to the ozone layer.

Features

Bonding structural blocks of non-bearing interior walls. For use where fixed, permanent positioning of stone or concrete products is desired. Concrete pavers/slabs. Segmental retaining walls and columns. Cast stone copings. Landscape blocks and bricks. Polystyrene foam board. Cellular lightweight concrete elements. Ornamental precast. Natural & manufactured stone. Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding. Applications where minimum expansion is needed. Mounting and isolation for frames of windows and doors.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 120 meters in (1.3 cm) bead
Shelf life	: 12 months
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

NF 107

B2 FIRE RATED PU FOAM

Self-extinguishable aerosol polyurethane foam for filling, sealing and bonding gaps. It is designed for easy dispensing through the straw adapter included to each can and gun adapter.

- Rated B2 according to DIN 4102
- Excellent adhesion to most building materials
- Very good filling capacity

Code	Type	Volume	Box
NF 107	Fire Rated	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Rated B2 according to DIN 4102. Excellent adhesion to most building materials. It does not contain any propellant gases that are harmful to the ozone layer. It can be painted after curing. It can be cut and trim.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/ cm3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620) :
Cure-Time	24 hours : Light red : 40-45
Foam Colour	L (ASTM C1536)
Yield	
Fire Class of the Cured Foam	: B2 (DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

NF 108

B1 FIRE RATED PU FOAM

One component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire rating of up to 220 minutes in certain configurations. • Fire retardant up to 220 min • Efficient seal against smoke and gas • Excellent adhesion & filling capacity

Code	Type	Volume	Box
NF 108	Fire Rated	850 g.	12

Application Areas

All applications where fire retardant properties are required such as: Installation of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls Heat insulation of roof construction. Sealing of cable and pipe penetrations. Soundproofing and sealing partition walls. Bonding of insulation materials. Multi-Purpose, adhesion and fixation.

Features

According to EN 1366-4 fire retardant up to 220 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 45 liters depending on temperature and humidity. Excellent adhesion on most substrates (except Teflon, PE and PP). High filling capacity. High thermal & acoustical insulation value. After cured, it can be painted, cut, trimmed. No shrinkage. Mould and water resistant. Conforms to fire class B1 (DIN 4102).

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/cm3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: RED
Yield Volumetric	: 40-45L (ASTM C1536)
Post Expansion	: 200-250 %
Shrinkage	: 0%
Fire Class of the Cured Foam	: B1 (DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: Max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C
Can temperature	: +5°C to +30°C

NF 109 BLACK PU FOAM

Top quality filling and assembly foam with a special formulation that can be applied at low temperatures. The foam provides an airtight seal by filling even hard-to-reach gaps. When insulation is completed, heating and air conditioning costs are reduced.

- High uv resistance
- High yield up to 45 lt.
- Mould proof
- Black colour

Code	Type	Volume	Box
NF 109	Black	850 g.	12

Application Areas

Filling and sealing gaps, large cracks and holes, Thermal and acoustic insulation, In the isolation of electrical installations, hot and cold water pipes, As a general purpose filling, bonding and insulating material.

Features

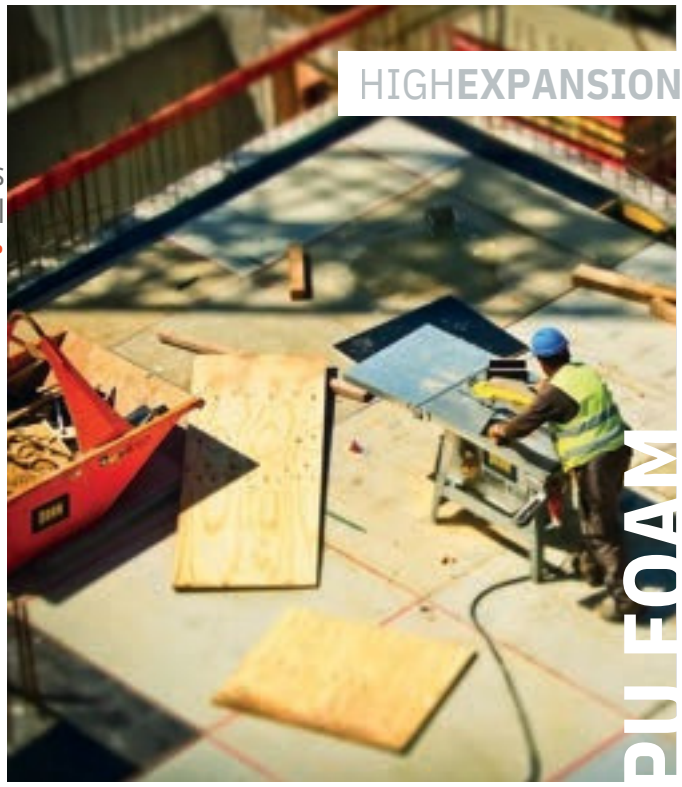
The Black Colour provides excellent protection against UV light. Excellent bonding and filling properties. High thermal and acoustic insulation value. Efficiency up to 45 liters depending on humidity and temperature. Mildew & water resistant. Contains fire retardant.

Technical Properties

Chemical Structure	: Polyurethane Pre-polymer
Curing Mechanizm	: Moisture
Density	: 19±3 kg/m3 (ASTM D1622)
Skin Time (1 cm)	: 6±2 min. (ASTM C1620)
Cutting Time (1cm)	: 20-45 dk. (ASTM C1620)
Volume Loss	: 40°C / 90% R.H.: +1.6%
	30°C / 30 % R.H.: +0.4% (AAMA 812)
	-4°C / Moisture unknown: -1.5%
Curing Time	: 24 hours
Foam Colour	: Black
Efficiency	: 30-45L (ASTM C1536)
R Value	: ~4,1 per in.
Post Expansion	: Up to %30
Thermal Conductivity	: 0,036 W/m.k (20°C) (DIN 52612)
Pressure Resistance	: 0,03 MPa (DIN 53421)
Water Absorption	: Max. %1 in Volume (DIN 53428)
Ideal Can Temperature	: min. 5°C max. 30°C
Heat Resistance	: - 40°C and +80°C
Application Temperature	: -12°C and +30°C

NF 110 — 3XL PU GUN FOAM

One-component professional pu foam which yields significantly higher volumes. It is used with a special applicator gun. • 65 Lt • High yield • Excellent adhesion • High expansion



Code	Type	Volume	Box
NF 110	High Expansion	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes. Instructions: Optimal can temperature +20°C.

Features

High yield up 65 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 15±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 15-25 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 60-65 L (ASTM C1536)
Fire Class of the Cured Foam	: B3
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Optimum	: max. 1 vol% (DIN 53428)
Can Temperature	: min.+5°C max. +30°C
Temperature Resistance	: -40°C to +80°C
Application Temperature	: +5°C to +30°C

NF 111 WINTER PU FOAM -6°C

Nefix NF 111 is a single-component, moisture-curing and self-expanding PU foam especially developed for applications at temperatures of as low as -6°C. It does not contain any propellant gases that are harmful to the ozone layer. • Optimal can temperature is +20°c. Application

(Ambient) temperature is between -6°c to +30°c.

- Shake the can for at least 15 seconds before use. Screw the adapter on the valve.
- Hold the can upside down and activate the foam by Pressing the valve.
- Moisturizing the surfaces and and the foam improves Adhesion and shortens curing time.
- Fresh foam can be cleaned by nefix foam cleaner. Cured foam can be cleaned barely mechanically.

Code	Type	Volume	Box
NF 111	Winter -6°C	850 g.	12

Application Areas

Improving thermal isolation in cooling systems. Filling and sealing of gap joints and cavities. Filling penetrations in walls. Mounting and insulation of door and window frames.

Features

High yield & stability and adequate pressure at frost temperatures. Excellent adhesion on most materials. Very good filling capacity. High thermal & acoustical insulation value. Resistant to moisture, heat, water and many chemicals.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/ m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +80°C
Application Temperature	: -6°C to +30°C

NF 112

WINTER PU FOAM -12°C

One-component PU foam used with an applicator gun and developed for applications in temperatures below to -12 °C.

- Can be used at low temperatures below to -12°c
- Excellent adhesion to most materials
- Gun type, professional use

Code	Type	Volume	Box
NF 112	Winter -12	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Can be applied at frost temperatures. Excellent adhesion& filling capacity and high thermal&acoustical insulation value. Economical consumption thanks to precise application. High yield up to 45 liters. Mould-proof, water-proof and over paintable.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 19±3 kg/m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: Light yellow
Yield	: 30-45 L (ASTM C1536)
Expanding Volume	: Up to%30
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: - 40°C to +80°C
Application Temperature	: - 12°C to +30°C

NF 113

WINTER PU FOAM -25°C MEGA

One-component professional PU foam which yields significantly higher volumes. It is used with a special applicator gun.

- High yield up to 60 liters
- Can be applied at low temperatures below to – 25°c
- Excellent adhesion on common construction materials

Code	Type	Volume	Box
NF 113	Winter -25	1050 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

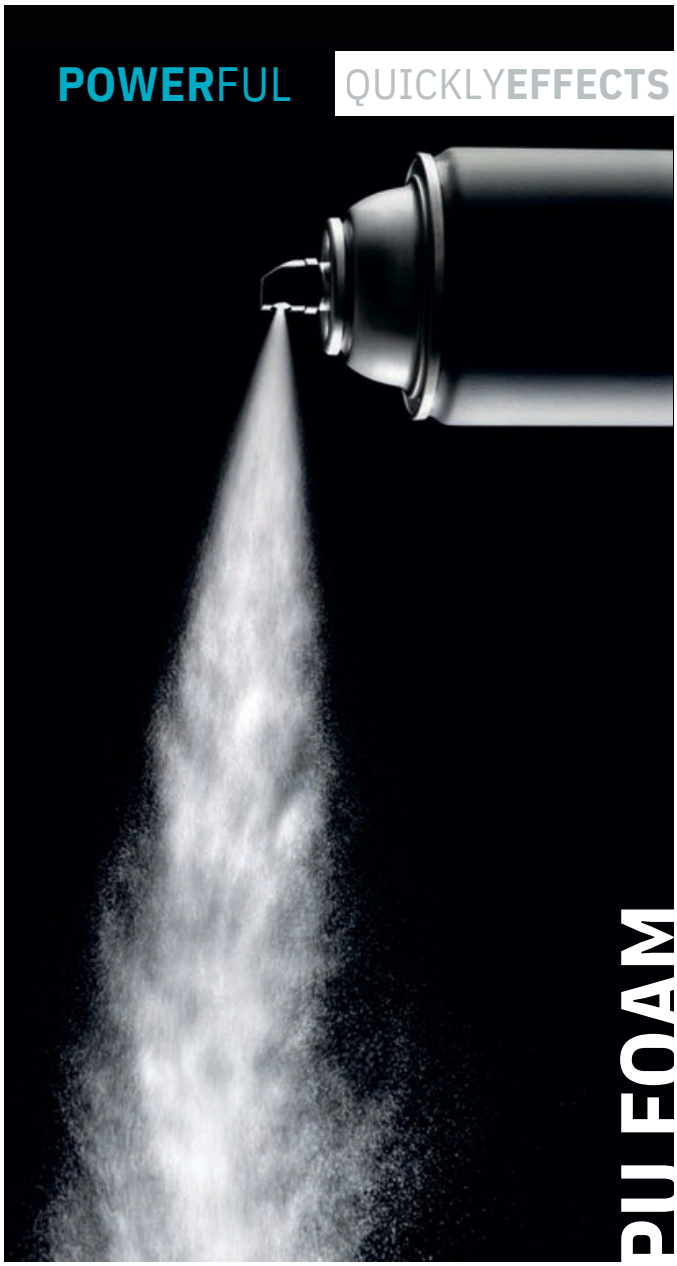
High yield up to 60 liters, depending on the humidity and temperature. Excellent adhesion on common construction materials. Economical consumption thanks to precise application. Conforms to fire class B3 according to DIN 4102- 1. Mould-proof, water-proof and over paintable. It does not contain any propellant gases which are harmful to the ozone layer.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 19±3 Kg/ m3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620)
Cure-Time	: See the curing chart
Foam Colour	: Light yellow
Closed Cell	: 70-80%
UL	: Flame spread: 0
	Smoke Development: 5 (UL 723)
Yield R Value Expanding	: Up to 60 L (ASTM C1536)
Volume Fire Class of Cured	: ~4.1 per in.
Foam Thermal Conductivity	: Up to %50
Compression Strength	: B3 (DIN 4102-1)
Water Absorption Can	: 0,036 W/m.k (at 20°C) (DIN 52612)
Temperature Temperature	: 0,030 MPa(At 10% comp)(DIN 53421)
Resistance Application	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
	: - 40°C to +80°C when cured
	: - 25°C to +30°C

NF 114 FOAM CLEANER

Removes fresh PU foam and cleans the PU foam gun adapter after the application. Cleans surfaces, clothes, window&door frames and prevents the foam cure in the gun adapter. • Powerfull cleaning • Quickly effects • Cleans every type of foam and applicator gun



Application Areas

Cleaning of the gun adapter. Cleaning of the valves of the PU Foam Aerosol. Removal of uncured foam.

Features

Powerful solvent based aerosol cleaner for removing uncured PU foam (straw and gun adapter foam). Designed especially for cleaning the gun adapter of foam. Cleaner has a spray activator for removing the foam from the gun adapter. It can be used in all positions. Propellant gas is not harmful to the ozone layer.

Technical Properties

Basis	: Solvent mixture
Consistency	: Liquid
Appearance	: Clear
Specific gravity	: 0,85g/cm3

Code	Type	Volume	Box
NF 114	Cleaner	500 ml.	12

SPRAYFOAM

NF 115

THERMAL & ACOUSTIC INSULATION PU SPRAY FOAM

SprayFoam is a high quality heat and sound insulation product for buildings and houses. Provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single- component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

- Fast, easy, practikal
- High insulation value (0.025 W/(m.k.)
- For all building materials
- Excellent adhesion to surfaces

Code	Type	Volume	Box
NF 115	Insulation	850ml/930gr	12

Application Areas

Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars, Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces, Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

Features

Excellent adhesion to all kind of building materials, Can be applied easily to uneven, hard to reach surfaces where it is not possible to use traditional insulation materials, Excellent thermal insulation value (0.025 W/(m.K), Elimination of thermal bridges, Elimination of the dew point, Yield up to 3m2 with 1.5cm thickness for one layer if applied from a distance of ~40cm with normal application speed, No need to use mechanical fastening elements after use, Over paintable.

Technical Properties

Basis Curing	: Polyurethane Prepolymer
System Specific	: Moisture cure
Gravity Tack-	: 17-28 kg/m3 (ASTM D1622)
Free Time Foam	: 4 min (ASTM C1620)
Color Yield	: Blue
	: 3 m2 for 1,5 cm thickness
Fire Class of the Cured Foam	: B3 (DIN 4102-1)
Thermal Conductivity R	: 0,025 W/m.K (at 20°C) (DIN 52612)
Value Compression	: 5,66 (per inch)
Strength Full Cure Can	: 0,03 MPa (DIN 53421)
Temperature	: 24 hours
Temperature Resistance	: min.5°C max. +30°C
Application Temperature	: -75°C to +115°C
	: +5°C to +30°C

NEFIX SILICONES

nefix.com.tr

NF 200 UNIVERSAL SILICONE

One-component silicone sealant for a range of general sealing and glazing applications. It provides a strong adhesion and suitable for use on common non-porous building materials. • Mold proof • High elasticy • Universal use

Code	NF 200	NF 200 NF	Color	Volume	Box
200	**Colors:**	**ALL**	Transparent	325 g. /280ml	24
COLORS			Transparent	280 g. /280ml	24
			Transparent	310ml	24

Application Areas

Stays permenantly elastic after curing. Remains flexible in low and high temperatures. Resistant to temperature exteremes. Resistance to aging, cracking and discoloring.

Features

Sealing around windows and doors. Sealing in DIY applications. On bathroom, kitchen and plumbing applications. Connection and expansion joints on glass, porcelain, steel etc. Sealing electric, telephone etc. sockets and switches.

Technical Properties

Basis	: Silicone Polymer
Curing System	: Acetoxy
Density	: 0.96 – 0.98 g/ml (ASTM D 792)
Shore A Hardness	: 15-25 (after 28 days)
Skin formation	: 8-20 min. (23°C and 50% R.H)
Curing Rate	: Min. 2.5 mm/day (23°C and 50% R.H)
Tensile Strength	: ≥ 0,7 N/mm2 (ASTM D 412)
Elongation At Break	: ≥ 350% (ASTM D 412)
Sagging	: 0 mm (ISO 7390)
Application Temperature	: +5°C to +40°C

NF 201

SHOWER CABINE SILICONE KITCHEN & BATHROOM

Specially formulated for use in production and installation of shower cabins which has no solvent and shows excellent mold resistant properties. It's a superior sealant for sealing and glazing applications featuring excellent adhesion and durability. • Mold proof • 100% Silicone • Withstands detergents, cleaning agents and chemicals

Code	Color	Volume	Box
NF 201	Transparent	310 ml	24
NF 201	White	310 ml	24

Application Areas

Glazing and fixing in shower cabinets during production. Filling joints between tiles, tub and shower cabin during installation. Filling joints between bath tubs and tiles after production. Waterproofing sinks.

Features

Conforms to ISO EN 11600-F-20LM. 100% silicone, does not contain any solvent. Cures very fast. Mold-Proof. No shrinkage. Stays bright and clean. Outstanding resistance to mildew and fungus. Resistant to temperature extremes and aging. Does not crack or discolor. Withstands detergents, cleaning agents and chemicals. Acetoxy curing system. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Lowemitting products" of SCAQMD rule 1168.

Technical Properties

Basis Curing System	: Silicone Polymer
Density Hardness Shore A	: Acetoxy
Tensile Strength Skin	: 1.02 ± 0.03 g/ml (ASTM D 792)
formation Curing Rate	: 24-30 (after 28 days)
Elongation At Break	: ≤ 0,4 N/mm2 (ISO 8339)
Elastic Recovery Sagging	: 7-13 min. (23°C and 50% R.H)
Change in volüme	: Min. 3 mm/day (23°C and 50% R.H)
Temperature Resistance	: ≥250% (ASTM D 412)
Application Temperature	: Approx.100%
	: 0 mm (ISO 7390)
	: < 5% (ISO 10563)
	: -50°C to +200°C
	: +5°C to +40°C

NF 202

WEATHERSEAL NEUTRAL SILICONE

A neutral cure, premium performance silicone sealant, exclusively produced for weather sealing and glazing application. It forms highly resistive weatherproof seal on windows and building facades.

- 100% Silicone
- Weather proof
- +/- 50% Movement capability

Application Areas

Premium weather sealing and joint sealing for walls, windows and doors. Sealing and mounting the window and door frames. Sealing applications of marble, stone and other porous substrates. Sealing of connection and expansion joints.

Features

Provides permanent elasticity thanks to its 100% silicone formula. Not affected by exposure to sunlight, rain, snow and maintains it over many years. Exceptional resistance to temperature extremes. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Fast curing, low modulus, high elasticity. High viscosity non slump formula.

Technical Properties

Basis	: Silicone Polymer
Curing System	: Neutral
Density	: 1.02± 0.03 g/ml (ASTM D 792)
	(Transparent and Aluminum)
Density	: 1.20± 0.03 g/ml (ASTM D 792)
	(Other Colors)
Hardness Shore A	: 17-25 (after 28 days)
	(Transparent and Aluminum)
Hardness Shore A	: 22-32 (after 28 days)
	(Other Colors)
Tensile Strength (ISO 8339):	≤ 0,4 N/mm2 (23°C and 50% R.H)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day
	(23°C and 50% R.H)
Elongation At Break	: ≥400% (ASTM D412)
	(Transparent and Aluminum)
Elongation At Break	: ≥350%
	(Other Colors)
Elastic Recovery Sagging	: Approx. 100% (ISO 7389)
Temperature Resistance	: 0 mm (ISO 7390)
Application Temperature	: -60°C to +180°C
	: +5°C to +40°C

Code	Color	Volume	Box
NF 202	Transparent	310 ml	24
NF 202	White	310 ml	24
NF 202	Black	310 ml	24
NF 202	Grey	310 ml	24
NF 202	Aluminium	310 ml	24
NF 202	White	600 ml	12
NF 202	Black	600 ml	12
NF 202	Grey	600 ml	12

NF 203

NEUTRAL MIRROR ADHESIVE

High performance neutral cure silicone which is particularly designed for bonding the mirrors in all kinds and sizes without harming the mirror. A bonded mirror is safer because there is no risk of large pieces of glass falling in the event of breakage. • 100% Silicone • High adhesive strength • Non-corrosive to mirrors

Code	Color	Volume	Box
NF 203	Transparent	310 ml	24

Application Areas

For fixing and bonding of mirrors in some places such as fitness centers, restaurants, cafes, hotels, and offices where mirror wall is required. For glazing works. Sealing applications where a low odor is required.

Features

Highly elastic, +/-25% movement capability. Excellent primerless adhesion to numerous porous and non-porous substrates. Safer mirror construction with non-corrosive properties. Permanently elastic. Fast curing. 100% Sil cone, solventless. Solvent free, very low odor. Adjustable, easy to apply. High viscosity non slump formula. One component moisture-cured. Excellent tooling propertie. Resistant to temperature extremes (-60 °C to +180 °C).

Technical Properties

Basis	: Silicone Polymer
Curing System	: Neutral
Density	: 1.00± 0.03 g/ml (ASTM D 792)
Hardness Shore A	: 17-25 (after 28 days)
Tensile Strength (ASTM D412)	: ≥1 N /mm2 (23°C and 50% R.H)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Efficiency	: Approx. 10 meters. (For 10 mm width 3 mm thickness)
Elongation At Break	: ≥400% (ASTM D412)
Elastic Recovery Sagging	: Approx. 100% (ISO 7389)
Temperature Resistance	: 0 mm (ISO 7390)
Application Temperature	: -60°C to +180°C
	: +5°C to +40°C

NF 204

AQUARIUM SILICONE NON-TOXIC

Non-toxic, solvent-free silicone sealant for use in aquarium construction and glazing applications. It's a high-quality acetic curing system based silicone sealant featuring excellent adhesion to glass and many other non-porous surfaces. • 100% Silicone • Rapid curing • Non-toxic to fish

Code	Color	Volume	Box
NF 204	Transparent	310 ml	24
NF 204	Black	280 ml	24
NF 204	Black	310 ml	24

Application Areas

Bonding, sealing and repairing of aquariums.

Features

100% silicone. Very good bonding strength. Rapid curing. Non-toxic to fish. One component, cures with atmospheric moisture. Keep its elasticity at low and high temperatures. Does not crack, discolour or shrink. Resistant to many chemicals. Resistant to UV radiation.

Technical Properties

Basis	: Silicone Polymer
Curing System	: Acetoxy
Density	: 1.02 ± 0.03 g/ml
Hardness Shore A	: 24-30 (after 28 days)
Tensile Strength	:≤ 0,4N/mm2 (ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)
Curing Rate	: Min. 3 mm/day(23°C and 50% R.H)
Elongation At Break	: ≥250% (ASTM D412)
Elastic Recovery	: %100 (ISO 7389)
Sagging	: 0 mm
Change in volume	: < 5% (ISO 10563)
Temperature Resistance	: -50°C to +200°C
Application Temperature	: +5°C to +40°C

NF 205

RTV SILICONE GASKET MAKER

High-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is re- quired. It is an ideal sealant for high temperature construc- tion applications. It reacts with atmospheric moisture to produce a tough, elastic silicone. • Resists heat up to 300°C • Exceptional resistance to temperature extremes • 100% Silicone, solventless

Code	Color	Volume	Box
NF 205	Red	310 ml	24
NF 205	Black	310 ml	24

Application Areas

Sealing and bonding applications in automotives. On heating systems and ovens for sealing/ tightness. Sealing and bonding in stoves. In heating devices. Gaskets in pumps and motors. In sealing chimneys. Other bonding and sealing applications where parts must perform at high temperatures.

Features

Excellent heat resistance after curing up to 250 °C permanently and up to 300 °C temporarily. Acetoxy cure, RTV silicone. 100% silicone. Fast cure, high strength. Resists to mechanical enforcement after curing. Remains flexible at low (-40 °C) and high (+250 °C) temperatures. Will not crack, shrink or become brittle. One component. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

Technical Properties

Basis Curing System	: Silicone Polymer
Density Hardness Shore A	: Acetoxy
Tensile Strength Skin	: 1.05± 0.03 g/ml
formation Curing Rate	: 24-30 (after 28 days)
Elongation At Break	: ≥1,5 N/mm2 (23°C and 50% R.H)
Elastic Recovery Sagging	: 7-13 min. (23°C and 50% R.H)
Temperature Resistance	: Min. 3 mm/day (23°C and 50% R.H)
Application Temperature	: ≥250% (ASTM D412)
	: ≥60% (ISO 7389)
	: 0 mm (ISO 7390)
	: -40°C to +300°C
	: +5°C to +40°C

NF 206

NEUTRAL SILICONE
BUILDING & CONSTRUCTION

A neutral cure, high performance silicone sealant designed for gap filling and sealing in a wide range of use in building and construction. It combines the advantages of outstanding adhesion to building materials with its non-corrosive and odorless curing.

- 100% Silicone
- Non-corrosive joint sealing
- Low modulus high elasticity

Code	Color	Volume	Box
NF 206	Transparent	310 ml	24
NF 206	White	310 ml	24
NF 206	Black	310 ml	24
NF 206	Grey	310 ml	24
NF 206	Brown	310 ml	24
NF 206	Aluminium	310 ml	24

Application Areas

Non-corrosive joint sealing for walls, windows and doors. Glass to glass and glass to aluminium sealing. Sealing of connection joints in building industry (brick, wall, concrete, PVC, wood, glass etc.)

Features

100% solventless silicone. Excellent weatherproof and UV resistant. No Cracking or Shrinking. Water resistant. Very low odor and noncorrosive. Excellent flexibility and adhesion to numerous porous and non-porous. Substrates for large scale construction and glazing applications. Resistant to temperature extremes (-60 °C to +180 °C). Fast curing, low modulus, high elasticity. High viscosity non slump formula.

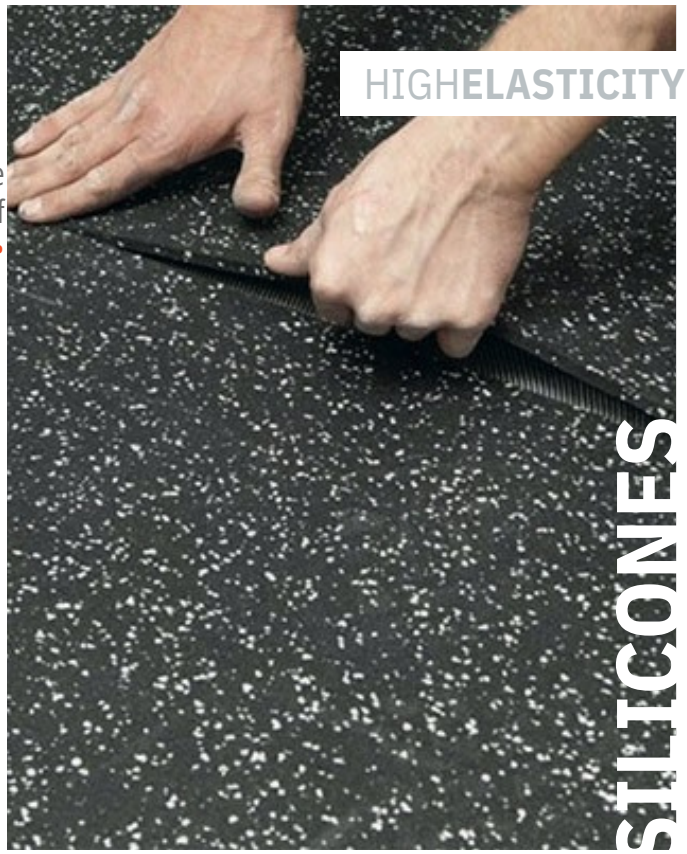
Technical Properties

Basis	: Silicone Polymer(Oxime)
Curing System	: Neutral
Density	: 1.02± 0.03 g/ml (ASTM D 792)
	(Transparent and Aluminum)
Density	: 1.20± 0.03 g/ml (ASTM D 792)
	(Other Colors)
Hardness Shore A	: 17-25 (after 28 days)
	(Transparent and Aluminum)
Hardness Shore A	: 22-32 (after 28 days)
	(Other Colors)
Tensile Strength	: ≤0,4 N/mm2 (23°C and 50% R.H)
Elongation At Break	: ≥ 400% (ASTM D412)
	(Transparent and Aluminum)
Elongation At Break	: ≥350% (Other Colors)
Elastic Recovery Sagging	: Approx. 100% (ISO 7389)
Temperature Resistance	: 0 mm (ISO 7390)
Application Temperature	: -60°C to +180°C
	: +5°C to +40°C

NF 207

EPDM SILICONE

One component, neutral curing, high performance silicone sealant specially developed for bonding and sealing of EPDM sheets. • Good adhesion • Wheather resistance • High elasticity



Code	Color	Volume	Box
NF 207	Black	600 ml	12

Application Areas

Bonding of EPDM sheets to each other. Sealing between EPDM sheets and many different building surfaces.

Features

Moisture curing. Very good adhesion on porous and nonporous surfaces including EPDM. Resistance to wheather conditions. Fast curing. High elasticity. %100 Silicone, solventles

Technical Properties

Basis	: Silicone Polymer
Curing System	: Neutral
Density	: 1.20± 0.03 g/ml (ASTM D 792)
Hardness Shore A	: 25±5 (after 28 days)
Tensile Strength	: ≤ 0,4 N/mm2
	(23°C and 50% R.H) (ISO 8339)
Skin formation	: 5-10 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Elongation At Break	: ≥350%
Elastic Recovery	: Approx. 100% (ISO 7389)
Sagging	: 0 mm (ISO 7390)
Yield	: Approx. 12 meters (600 mL) for
	0.64 cm bead size
Temperature Resistance	: -60°C to +180°C
Application Temperature	: +5°C to +40°C

NEFIX SEALANTS

nefix.com.tr

NF 300 SILICONIZED SEALANT

One-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity. • Paintable • Water based & non-toxic • Water-proof after curing

Application Areas

Sealing of low movement joints between various construction materials (wood, concrete, brick etc.). Sealing joints between windows, walls, doors etc. Filling cracks in walls and on ceilings.

Features

Water based & Non-toxic. Very low VOC content. Waterproof after curing. Over paintable. Very easy to apply and clean. Can be used on all porous surfaces such as brick, concrete, wood etc. No odour.

Technical Properties

Code	Color	Volume	Box
NF 300	White	310 ml	24
NF 300	Black	310 ml	24
NF 300	Grey	310 ml	24
NF 300	Brown	310 ml	24
NF 300	Light Ivory	310 ml	24
NF 300	Golden Oak	310 ml	24
NF 300	Beige	310 ml	24
NF 300	White	600 ml	12
NF 300	Black	600 ml	12

Basis	Acrylic Dispersion
Consistency	Smooth paste
PH	7-8
Specific gravity	1.65 ± 0.03 gr/cm3 (ASTM D 792)
Tack-Free time (ASTM C 679)	: 50 ± 20 min (23°C and 50% R.H)
Curing Rate (mm/day)	: 2 mm/day (23°C and 50% R.H)
Shore A hardness	: 30-50
Shore A Ultimate elongation	: ≥300% (ASTM D 412)
Temperature resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C

NF 301

PU SEALANT & ADHESIVE FAST CURING

AUTOMOTIVE & CONSTRUCTION

NF 301 is a one-component, high modulus multipurpose elastic ashesive and joint sealant with outstanding application properties that bonds and seals most construction and industrial material substrates. It's designed for indoor and outdoor applications.

Code	Color	Volume	Box
NF 301	White	310 ml	12
NF 301	Black	310 ml	12
NF 301	Grey	310 ml	12
NF 301	White (Sausage)	600 ml	20
NF 301	Black (Sausage)	600 ml	20
NF 301	Grey Sausage)	600 ml	20

Application Areas

- Body construction of cars, containers, caravans etc.
- Sealing of sheet metal seams
- For vibration reduction in all type of sheet metal assembly works
- Sealing and bonding applications in the manufacturing and construction industries
- Sealing applications including concrete flooring joints
- Bonding applications of window sills, thresholds, steps, borards, prefabricated elements
- Joint sealant in concrete, metal and wood constructions
- Multipurpose ashesive for indoor and outdoor bonding

Properties

- Permanently flexible
- Fast cure rate
- Non-sag consistency – Exceptional thixotropy
- High durability and ageing resistance
- Very good mechanical and weathering resistance
- High bond strength
- Excellent adhesion to most canstruction metarials
- Easy to gun, can be easily smoothed
- Over-paintable

NF 302

PU SEALANT CONSTRUCTION

One-component, low-modulus polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to all typical construction materials such as cement based materials, brick, ceramic, glass, wood, galvanized and painted sheet iron and various plastics.

- Low Modulus
- Paintable
- High Elasticity

Application Areas

Expansion joints between many different construction materials. Bonding of roof tiles. Installation of PVC window frames. Connection joints between wood window and door frames and walls. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc. For expansion joints between pre-cast concrete panels.

Code	Color	Volume	Box
NF 302	White	310 ml	12
NF 302	Black	310 ml	12
NF 302	Grey	310 ml	12
NF 302	White	600 ml	12
NF 302	Black	600 ml	12
NF 302	Grey	600 ml	12

Features

Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble- free. 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Lowemitting products” of SCAQMD rule 1168.

Technical Properties

BEFORE CURING Basis	
Consistency Curing	: Polyurethane
Mechanism Curing	: Thixotropic
Density Tack free time	: Moisture
Curing Rate Sagging	: 1,20±0,03 g/ml
Temperature Resistance	: 30-60 min (23°C and 50% R.H)
Application Temperature	: Min. 2 mm/ day (23°C and 50% R.H)
AFTER CURING	: 0 mm (EN ISO 7390)
Hardness Shore A	: -40°C to +70°C
Paintibility Elastic	: +5°C to +40°C
Recovery Movement Capability Elongation at break E100 Modulus (23 °C) E100 Modulus (-20 °C) **DUMBLE TEST** Elongation at break Tensile Strength	: 25-30 After 28 days : Yes * : ≥ 70% (ISO 7389) : 25 % : min.120% (ISO8339) : 0.30-0.40 N/mm2 (ISO8339) : ≤ 0,60 N/mm2 (ISO8339) : ≥%700 : 1.0-1.5 N/mm2

NF 303

HIGH TACK
NF POLYMER

NF polymer-based, one component, high quality and professional adhesive with high adhesive strength and initial tack. It is suitable for bonding heavy building materials without the use of clamps and/or fixing tape.

- High initial tack
- Superior bond strength 350 kg / 10 cm2
- Eco friendly

Code	NF	Color	Volume	Box
303	NF	White	290 ml	12
303	NF	Black	290 ml	12
303	NF	Grey	290 ml	12
303	NF	White	600 ml	12
303	NF	Black	600 ml	12
303	NF	Grey	600 ml	12
303.1	NF	White	500 ml	36
303.1		White	125 ml	36

Application Areas

It is specially developed as a universal adhesive for bonding various building materials. It is suitable for elastic bonding of panels, profiles and other pieces on the most common substrates such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, polyester, plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, R.V.S., wood, HPL and cement fibre panels etc. Common application areas are: Wall cladding elements and ceiling panels. Sound isolation panels (mineral wool, wood-wool cement & plastic foams). Thermal isolation panels (PUR, PIR, PS). Casings and frames in building construction. Wooden and plastic laths, ornaments and frames. Doorsteps, window sills, skirting boards and cover plates. Complete construction elements (such as roofing and facade elements) in frames.

Features

High initial tack. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and nonporous substrates. Excellent elasticity, no bubble formation, waterproof, no shrinkage, over-paintable.

Technical Properties

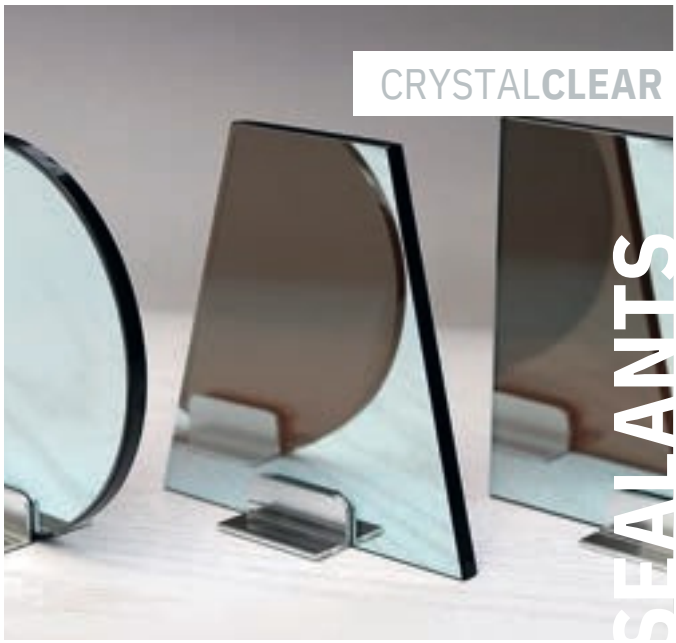
Chemical Base	: NF polymer
Curing System	: Moisture
Density	: 1.49 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: 15-20 min (23°Cand %50 R.H.)
Curing Rate	: Approx. 3,5 mm/ 24 hr (23°Cand %50 R.H.)
Sagging	: 0 mm
Shore A Hardness	: 55 ±5
Elongation at Break %	: ≥ % 300
Volume Loss	: < %3 (23°C and %50 R.H.) :
Tensile Strength	3,0-3,5 N/mm2 : 3121-3237
Shear Stress	Pa. : -40°C and +90°C : +5°C
Heat Resistance	and +40°C
Application Temperature	

NF 304 CRYSTAL CLEAR NF POLYMER

Crystal clear elastic adhesive/sealant based on NF polymer.

- Invisible appearance
- Thixotropic
- Eco friendly

Code	Color	Volume	Box
NF 304	Transparent	290 ml	12
NF 304	Transparent	400 ml	12
NF 304	Transparent	600 ml	12



Application Areas

It has a good adhesive strength without primer on most common materials such as aluminum, zinc, galvanized steel, stainless steel, copper, natural stone, concrete, brick, etc. Common application areas are: Transparent and elastic bonding in construction and building applications. Invisible bonding and sealing of glass and other transparent materials in indoor applications.

Features

Clear, transparent color. Highly tixotropic: Suitable for horizontal and vertical application. Eco-friendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and non-porous substrates. No bubble formation,even in wet and humid conditions. Over-paintable with water based paints. No shrinkage.

Technical Properties

Chemical Base	: NF polymer
Curing System	: Moisture
Density	: 1.05 ± 0.03 gr/ml
Appearance/Color	: Paste, Clear
Tack Free	: 5-10 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,7 mm/ 24 hr
	(23°Cand %50 R.H.)
Shore A Hardness	: 35 ±5
Elongation at Break %	: ≥ % 350
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength	: 2,10 N/mm2
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +40°C

NF 305 ACRYLIC CLEAR

TRANSPARENTANDELASTIC

Plasto-elastic acrylic adhesive and sealant that becomes crystal clear upon curing. • Applies white dries clear • Eco friendly • Water-proof after curing

Code	Color	Volume	Box
NF 305	Transparent	310 ml	12

Application Areas

Suitable for sealing applications in bathroom and kitchen. Can be used as an adhesive for wood, bricks, concrete etc.

Features

Becomes transparent when cured. Very low VOC content. Water-proof after curing. Can be used on all porous surfaces such as brick, concrete, wood etc. Easy to apply.

Technical Properties

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
Ph	: 7,5-9
Specific gravity	: 1,05 ± 0,03 gr/cm3 (ASTM D 792)
Skin formation time	: 15-30 min
	(23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: Approx. 2 mm/day
	(23 °C and 50% R.H)
Solid Content	: Min. 52%
Shore A hardness	: 40-70 Shore A
Elongation	: >%600 (ASTM D 412)
Modulus 100 % elongation	: ≥0,30 Mpa
Tensile strength	: ≥ 0,50 Mpa (ASTM D 412)
Temperature resistance	: -10°C to +80°C
Application Temperature	: +5°C to +35°C

NF 306

FAST & STRONG NF POLYMER

NF polymer-based, one component, hybrid joint-filling sealant with very high built-up of strength. It does not contain solvent or isocyanate and can be applied for multi purposes. • High curing speed • Very high final strength • Eco friendly

Code	Color	Volume	Box
NF 306	White	290 ml	12
NF 306	Black	290 ml	12
NF 306	White	600 ml	12
NF 306	Black	600 ml	12

Application Areas

Sealing and bonding of the most common substrates such as natural stone, hard PVC, concrete, wood, glass, metals etc.

Features

Very high final strength. Waterproof. Becomes plastoelastic with air humidity. Eco-friendly, free from isocyanate, solvent, acids and halogens. Over-paintable. No bubble formation. Waterproof. Becomes plasto-elastic with air humidity. No shrinkage. Does not need primer (preliminary test recommended). Excellent elasticity and very good adhesion strength.

Technical Properties

Chemical Base	: NF polymer
Curing System	: Moisture
Density	: 1.47 ± 0.03 gr/ml
Appearance/Color	: Paste, White
Flow	: > 50 gr/min
Tack Free	: 20-25 min (23°C and %50 R.H.)
Curing Rate	: ~ 2,60 mm/ 24 hr
	(23°C and %50 R.H.)
Efficiency	: Approx. 10 meters.
	(For 10 mm width 3mm thickness)
E100 Modulus	: ~ 2,75 N/mm2
Shore A Hardness	: 70 ±5
Elongation at Break %	: ≥ % 110
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength	: 3,30 N/mm2
Heat Resistance	: -20°C and +80°C
Application Temperature	: +5°C and +35°C

NF 307

FLEXI SEALANT NF POLYMER

Neutral, highly elastic, one component NF based joint sealant. It is a low modulus sealant suitable for both indoor and outdoor applications. • Low Modulus • Excellent Elasticity • Eco Friendly

Code	Color	Volume	Box
NF 307	White	290 ml	12
NF 307	Black	290 ml	12
NF 307	Grey	290 ml	12
NF 307	White	400 ml	12
NF 307	Black	400 ml	12
NF 307	Grey	400 ml	12
NF 307	White	600 ml	12
NF 307	Black	600 ml	12
NF 307	Grey	600 ml	12

Application Areas

Expansion and connection joints in the building industry. Sealing of joints in prefabricated buildings. Movement joints in high rise constructions. Sealing between window and door frames. Where joints have to be painted.

Features

Highly thixotropic: Suitable for horizontal and vertical joints. Low modulus can withstand extreme joint movement. Ecofriendly, free from isocyanate, solvent, acids and halogens. Excellent primerless adhesion to numerous porous and nonporous substrates. No bubble formation,even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage.

Technical Properties

Chemical Base	: NF polymer
Curing System	: Moisture
Density	: 1.38 ± 0.03 gr/ml
Appearance/Color	: Paste, White, Black or Grey
Tack Free	: Approx. 60 min
	(23°C and %50 R.H.)
Curing Rate	: Approx. 2,5 mm/ 24 hr
	(23°C and %50 R.H.)
Sagging	: 0 mm
E100 Modulus	: < 0,4 N/mm2
Shore A Hardness	: 25 ±5
Elongation at Break %	: ≥ % 350
Volume Loss	: < %3 (23°C and %50 R.H.)
Tensile Strength	: 1,0 – 1,5 N/mm2
Heat Resistance	: -40°C and +90°C
Application Temperature	: +5°C and +40°C

NF 308 MULTI SEAL NF POLYMER

Universal grade, general purpose all-weather adhesive sealant based on NF polymer. Combines the properties of both silicone and the polyurethane that makes it an optimum choice for a variety of substrates including: Aluminum, Granite, Ceramics, Marble, Porcelain, Metals, PVC, Glass, Wood, Porous Surfaces (Concrete, Brick, Limestone, etc.). • High adhesive strength • Perfect UV resistant • Paintable

Code	NF	Color	Volume	Box
308.0	NF	White	290 ml	12
308.1	NF	Black	290 ml	12
308.2	NF	Grey	290 ml	12
308.3	NF	White	400 ml	12
308.4	NF	Black	400 ml	12
308.5	NF	Grey	400 ml	12
308.6	NF	White	600 ml	12
308.7	NF	Black	600 ml	12
308.8		Grey	600 ml	12

Application Areas

Sealing and Bonding applications in; Window and Door Perimeter. General sealing and waterproofing. Roofing and gutter. Concrete joints. Metal building construction. HVAC.

Features

Does not contain solvent, silicone or isocyanate. Very Low VOC content. No bubble formation, even in wet and humid conditions. Very good UV resistance. Over-paintable with water based paints. No shrinkage. Does not cause oil stains in panels and porous material. Non-sag, very easy to apply. No surface tackiness.

Technical Properties

Basis	: NF polymer
Curing Mechanism	: Moisture
Density	: 1,60 ± 0,03 g / ml
Consistency / Color	: Thixotropic paste / White, Grey, Black
Hardness Shore A	: 40±5
Sagging	: 0 mm
Skin Formation Time	: 12-25 min (23°C, 50% R.H.)
Curing Performance	: Min.2,5 mm/24h (23°C, 50% R.H.)
Shrinkage	: < 3%
Elongation at Break	: ≥300%
Tensile Strength	: 1,5-2,0 N/mm2
Application Temperature	: +5°C to +40°C
Temperature Resistance	: -40 °C to +90°C

NEFIX
ADHESIVE PRODUCTS

nefix.com.tr

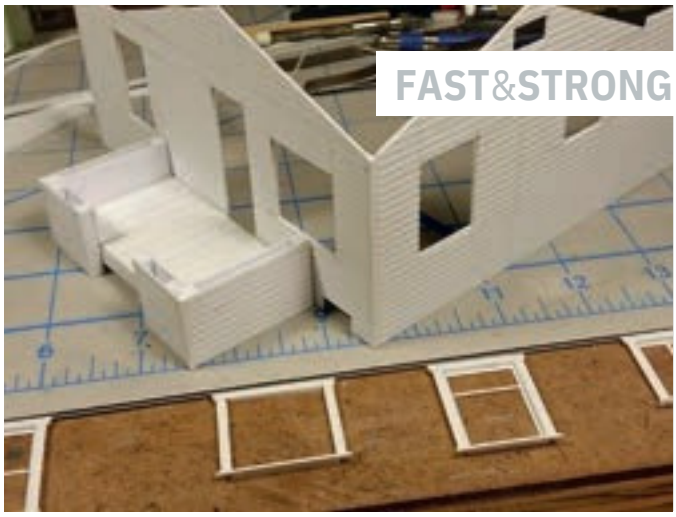
FASTAND**STRONG**

NF 400

UNIVERSAL FAST ADHESIVE

An adhesive set which consists of high viscosity cyanoacrylate adhesive and activator.

- Bonds within seconds
- Even suitable on uneven surfaces
- High bonding power



Code	NF	Type	Volume	Box
400	NF	-	200 ml + 65gr	24
400	NF	-	400 ml + 125gr	24
400.B	NF	-	400 ml + 100gr	24
400.B	NF	-	200 ml + 20gr	24
400	NF	-	250 ml + 65gr	24
400	NF	-	500 ml + 125gr	24
400	NF	Box with dropper	100 ml + 25gr	48
400BL		Plastic Blister, with dropper	100 ml + 25gr	24

Application Areas

It is suitable for the bonding of a very wide range of materials, including acidic surfaces (thanks to activator) and some porous ones, where rapid bonding times are required. Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates. Especially suitable for the applications where cure speed needs to be accelerated. Although NEFIX NF 400 has a degree of gap filling ability, it is generally recommended for use on closefitting parts and fairly smooth, even surfaces.

Features

High bonding strength. Suitable for use on vertical surfaces as it will not drip or slump. It is particularly suited to bonding difficult substrates which have a porous or uneven nature since it increases bonding strength by preventing the adhesive to be absorbed by the surface.

Technical Properties

Glue	
Basis	: Ethyl Cyanoacrylate
Appearance	: Liquid gel
Color	: Colorless
Application Temperature	: +5°C to +35°C
Density	: 1.06 ± 0.01 gr/cm3 (ASTM D1875)
Flashpoint	: > 81 °C
Viscosity	: 1200 - 1800 Cps at 25°C (ASTM D1084)
Temperature Resistance	: -20°C to +70°C
Activator	
Basis	: Hexane
Appearance	: Aerosol
Color	: Colorless
Application Temperature	: +5°C to +35°C
Temperature Resistance	: -20°C to +70°C

NF 401

MONTAGE ADHESIVE PU EXPRESS

Transparent

Quick drying montage adhesive that is designed to bond all common building materials.

- High bonding strength
- D4 class water resistance
- Low press time just 15 min.

Code	Type	Volume	Box
NF 401	Aluminium Cardridge	310 ml	12
NF 401P	Plastic Cardridge	310 ml	12
NF 401	Aluminium Tube	50 ml	30

Application Areas

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

Features

Fast curing. Low press time. Transparent. Exteremely high bond strength on numerous substrates. Thixotropic, non-sag, ideal for vertical joints. Low consumption, economical. Good filling properties. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resitance to moisture and weather conditions. Nonshrinking. Low odour. Usable in slightly wet substrates.

Technical Properties

Basis Color	: Polyurethane prepolymer
Density Tack-	: Transparent
Free Time	: 1.13 ± 0.03 gr/ml
	: 5 – 10 min.
	(at 23°C and %50 R.H.)
Consistency Consumption	: Thixotropic
Shrinkage Pressing Time	: Approx. 150 g/m2
Temperature Resistance	: None
Application Temperature	: 15 – 20 min.*
Maximum Shear Strength	: -20°C to +80°C
After 15 min After 24	: +5°C to +35°C
hours After 7 days After 7	(beech-beech)
days at 80°c	: > 50 kgf/cm2
	: > 100 kgf/cm2
	: ~ 120 kgf/cm2 (DIN EN 205)
	: ~ 100 kgf/cm2 (WATT 91)

NF 402

ACRYLIC MONTAGE ADHESIVE

NEFIX NF 402 is a water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength. • Weatherproof • Good gap-filling • Solvent-free

Code	Type	Volume	Box
NF 402	Cartridge	310 ml	24

Application Areas

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster.Quick repairs on walls and plaster. Suitable surfaces: MDF, Particleboard, Wood, Polystyrene foam, Concrete, Masonry, Tile, Ceramic, Stone, Plasterboard.

Features

Acrylic dispersion based. Good gap-filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Over paintable. Low odour. Solvent-free.

Technical Properties

Basis	: Acrylic dispersion
Density	: 1.70 ± 0.03 gr/cm3
	(ASTM D 1875)
Tack-Free Time	: 30-40 minutes
	(at 25 °C and %50 R.H.)
Curing Rate	: 1-2 mm/day
	(at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength	(beech-beech)
After 6 hours After 24	: > 25 kgf/cm2
hours	: > 50 kgf/cm2

NF 403

MONTAGE ADHESIVE WATER BASED PAINTABLE

Water-based adhesive used for bonding numerous building materials. It is particularly suitable for DIY users due to solvent-free content and high bonding strength. •Eco-friendly, solvent free •Particularly suitable for rough surfaces •For both indoor and outdoor applications

Code	Type	Volume	Box
NF 403	Cartridge	310 ml	24
NF 403	Plastic Tube	250 ml	36
NF 403	Plastic Bucket	1 kg	6
NF 403	Plastic Bucket	25 kg	1
NF 403	Sousage Aluminium Foil	80 ml	36

Application Areas

Bonding materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials etc. Mounting wooden construction elements, wood and plaster panels, plaster ornaments. Mounting decorative wooden trimmings. Repairing cracks in plaster. Quick repairs on walls and plaster. Suitable surfaces: MDF, particleboard, wood, polystyrene foam, concrete, masonry, tile, ceramic, stone, plasterboard.

Features

Acrylic dispersion based. Good gap - filling capacity on rough surfaces. Suitable for both indoor and outdoor applications. Weatherproof. Paintable. Low odour. Solvent-free.

Technical Properties

Basis	: Acrylic dispersion
Density	: 1.40 ± 0.03 gr/cm3 (ASTM D 1875)
Tack-Free Time	: 30-40 minutes
	(at 25 °C and %50 R.H.)(ASTM C 679)
Curing Rate	: 1-2 mm/day
	(at 25 °C and %50 R.H.)
Temperature Resistance	: -10°C to +80°C
Application Temperature	: +5°C to +40°C
Maximum Shear Strength	(beech-beech)
After 6 hours After 24	: > 40 kgf/cm2
hours	: > 70 kgf/cm2

NF 404 UNIVERSAL CONTACT ADHESIVE

Fast curing, high strength adhesive based on chloroprene rubber

- Fast adhesion capability
- Forms a resilient bond
- Moisture tolerant

Code	Type	Volume	Box
NF 404	-	3 Lt/Br 2 Kg	1
NF 404	-	17 Lt/15 Kg	1
NF 404	-	2 Kg	1
NF 404	-	3,5 Kg	1
NF 404	-	8 Kg	1

Application Areas

It is mainly used in upholstering, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

Features

Rapid curing. Provides flexible bond. Good frost resistance. Moisture resistant.

Technical Properties

Basis Curing Mechanism	: Chloroprene Rubber
Tack-Free Density	: Physical Drying
Viscosity Temperature	: 20-25 min. (ASTM C679)
Resistance Application	: 0,808 – 0,812 gr/cm3 (ASTM D1875)
Temperature	: 1400 – 1750 Cps (ASTM D1084)
	: -20°C to +90°C
	: +5°C to +35°C

NF 405 UNIVERSAL CONTACT ADHESIVE

Toluene Free

Fast curing, high strength adhesive based on chloroprene rubber.

- Fast adhesion capability
- Forms a resilient bond
- Moisture tolerant

Application Areas

It is mainly used in upholstering, shoe and textile industry for bonding of the most common materials such as; Rubber, fabric, leather, artificial leather, cork, metal, chipboard etc. to itself or to several other substrates.

Features

Rapid curing. provides flexible bond. good frost resistance. Moisture resistant.

Technical Properties

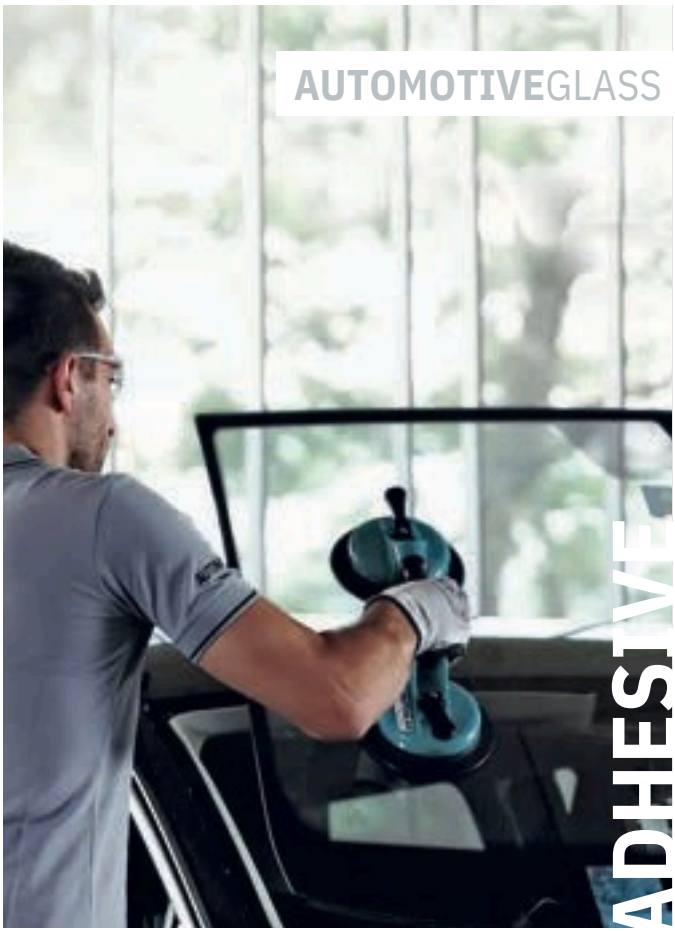
Code	Type	Volume	Box
NF 405	-	50 ml	240
NF 405	Gw. 500 g	Br. 500 g	24
NF 405	Gw. 750 g	750 ml Net 608 gr	24
NF 405	-	2 kg	1
NF 405	-	3,5 kg	1
NF 405	-	8 kg	1
NF 405	-	15 kg	1

Basis Curing Mechanism	: Chloroprene Rubber
Tack-Free Density	: Physical Drying
Viscosity Temperature	: 25-30 min. (ASTM C679)
Resistance Application	: 0,808 – 0,812 gr/cm3 (ASTM D1875)
Temperature	: 3000-4500 Cps (ASTM D1084)
	: -20°C to +90 °C
	: +5 °C to +35 °C

NF 406

PU WINDSHIELD ADHESIVE FAST CURE

One component, moisture curing polyurethane based adhesive for direct glazing in AUTOMOTIVE GLASS REPLACEMENT. •High modulus •High mechanical performance •Fast curing



AUTOMOTIVE

Code	Color	Volume	Box
NF 406	Black	300 ml	12
NF 406	Black	600 ml	12

Application Areas

It is especially useful in bonding windshield glass into automotive frames.

Features

One component formulation. Good non-sag properties. Short cut-off string. Cold application. Fast curing – Rapid strength development. High mechanical performance. High Modulus. High initial bond strength. Can be overpainted.

Technical Properties

BEFORE CURING	
Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.35 g/ml
Tack free time	: 25±5 min. (23°C and 50% R.H)
Curing Rate	: Min. 3,5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
AFTER CURING	
Hardness Shore A	: 55-60 After 28 days
Paintibility	: Yes *
Elongation at break	: Min. 400% (ASTM D412)
Tensile Strength	: Min. 4.5 N/mm2 (ASTM D412)

NF 407 PU WINDSHIELD PRIMER

Black primer specifically designed for the ceramic band on vehicle glass. It ensures the complete protection of the adhesive by creating a barrier against harmful UV rays which can lead to the degradation of the adhesive. It is also an adhesion promoter. • Promotes adhesion power significantly • Fast drying

AUTOMOTIVE

Code	Color	Volume	Box
NF 407	Black	250 ml	12
NF 407	Black	1000 ml	12

Application Areas

For the treatment of bond faces prior to application of PU Windshield Adhesive. Can also be used as a general purpose primer which is used to promote adhesion to glass.

Features

One component. Fast drying. Protects urethane from harmful ultraviolet rays. Promotes urethane adhesion to automotive glass.

Technical Properties

Appearance	: Liquid
Colour	: Black
Odour	: Characteristic of solvent
Curing Mechanism	: Moisture-Curing
Specific gravity	: 0,95 gr/cc
Minimum drying time	: 3' at 23°C and 50% r.h
Maximum drying time	: 24h at 23°C and 50% r.h
Application temperature	: +10°C to +35°C

NF 408

CHEMICAL ANCHOR POLYESTER

Polyester injection mortar for general purpose for solid and hollow supports having a short cure time. It is suitable for use in concrete, perforated bricks and cavity blocks in a wide range of applications. • For fixing solid and hollow structures • Easy to extrude and inject • Can be applied to both vertical and horizontal surfaces

Code	Type	Volume	Box
NF 408	Polyester	345 ml	12
NF 408	Polyester	300 ml	12

Application Areas

Low to Medium-load applications in solid and hollow supports. Fixing of; Gates, balustrades, roller blinds, panes, antennas, consoles, cable trays etc.

Features

Suitable for solid and hollow structures. High solid content. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction. Fast curing.

Technical Properties

Basis	: Unsaturated Polyester
Color	: Light Grey
	(Component A:beige; Comp. B:black)
Density	: 1,70 kg/l at 20 °C

NF 409

CHEMICAL ANCHOR EPOXY ACRYLATE STYRENE FREE

High performance styrene free epoxy acrylate injection mortar for solid and hollow supports having a short cure time. It is suitable for use in concrete, stone, perforated bricks and cavity blocks in a wide range of applications.
• Styrene free, very low odour • Easy to extrude and inject • Hard fixing of rods and reinforcing bars • Into plain and hollow structures

Code	Type	Volume	Box
NF 409	EASF	345 ml	12
NF 409	EASF	300 ml	12

Application Areas

Heavy load-carrying attachments in solid stone and concrete. Repair mortar or adhesive mortar for concrete components. Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc. Medium-load applications in hollow-bricks. Fixing of; Wooden constructions, metal constructions, metal profiles, sanitary fittings, pipe connections, projecting roofs, facades, cable trays, railings, staircases, gates, window elements.

Features

Suitable for rods and reinforcing bars in plain and hollow structures. Styrene free and very low odour. Easy to extrude and to inject. Thixotropic, can be applied in vertical and horizontal direction.

Technical Properties

Basis	: Epoxy Acrylate Resin
Color	: Light Grey
	(Component A:beige; Comp. B:black)
Density	: 1,80 kg/l at 20 °C

NF 410 HOTMELT STICK

Translucent, high viscosity and slow setting general purpose gluestick.

- Easy gun use
- Environmentally friendly
- High green strength

Code	Color	Volume	Box
NF 410	Transparent	1 kg.	16
NF 410	Transparent	1 kg.	25
NF 410	Transparent	300 gr.	60
NF 410	Black	300 gr.	60

Application Areas

Ideal for household repairs, DIY tasks, craft and hobby works.

Features

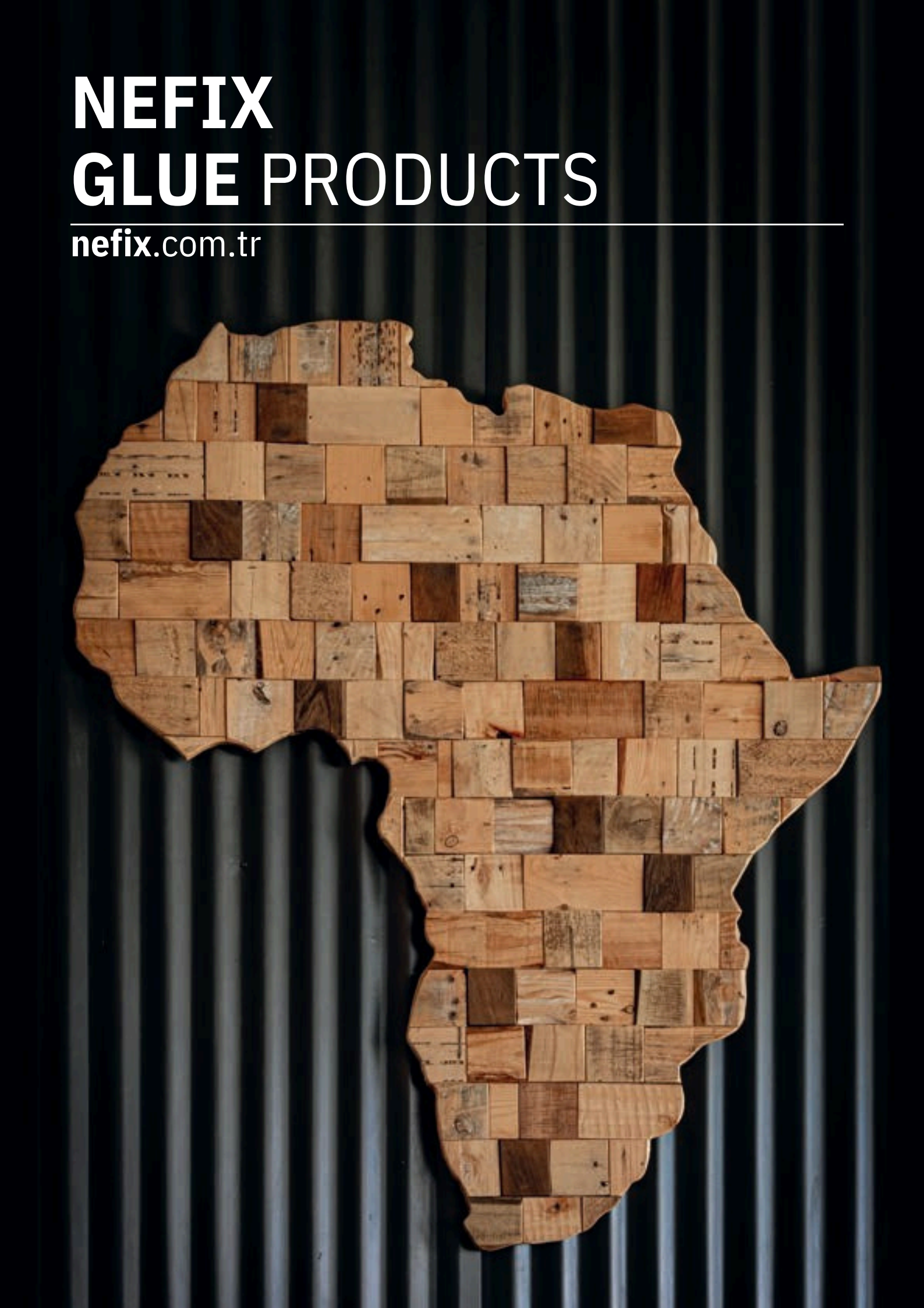
Designed for use on the paper, cloth and plastic related applications. Ideal for bonding wood, metal, fabric, ceramics, masonry, leather, cardboard. Appropriate when immediate bonding is required. Environmentally friendly. Gap-filling. High green strength. Non-sticky surfaces. Odourless. Easy to use.

Technical Properties

Basis	: Synthetic Resins (Ethylene VinylAcetate)
Appearance	: Translucent
Softening point	: 86 °C ± 3 (Ring and Ball) (ASTM E28)
Specific Gravity	: 0.98 g/cm3 (ASTM D792)
Thermosel viscosity	: 2250 cPs at 1210 (ASTM D3236)
Open time	: 45 - 50 seconds
Water resistance	: Excellent
Application Temperature	: 180- 200 °C

NEFIX
GLUE PRODUCTS

nefix.com.tr



NF 500 D2 PVA SUPER WOOD GLUE

PVA based wood glue with slight water resistance which gets transparent when cured.

- Eco-friendly
- Dries transparent
- Usable on slightly moist wood

Code	Wood Glue	Volume	Box
NF 500	Plastic Bootle	Gw. 150 gr	48
NF 500	Plastic Bootle	Gw. 500 gr	12
NF 500	Plastic Bootle	Gw. 1 kg	12
NF 500	Plastic Bootle	Gw. 3 kg	4
NF 500	Plastic Bootle	Gw. 10 kg	4
NF 500	Plastic Bootle	Gw. 30 kg	1
NF 500	Plastic Bootle	Gw. 150 gr	48
NF 500	Plastic Bootle	Gw. 500 gr	12
NF 500	Plastic Bootle	Gw. 1 kg	12
NF 500	Plastic Bootle	Gw. 3 kg	4
NF 500	Plastic Bootle	Gw. 10 kg	4
NF 500	Plastic Bootle	Gw. 30 kg	1

Application Areas

High bond strength on numerous substrates. Water based. Easy application. Dries transparent.

Features

Suitable for bonding wood, decorative laminates, chipboard, blockboard etc. which have limited exposure to high humidity.

Technical Properties

Basis	: Vinyl Acetate polymer
Appearance	: White Viscose Liquid
Density	: 0.96 g/mL
Solids %	: % 41 ± 1
Min. Film Temperature	: 10°C
Filming Time	: 15-20 minutes (20°C)
Free Monomer	: max 0,5
Water Resistance Class	: D2 (DIN EN 204)
Viscosity	: 14400±1800 cps cps at 20°C (Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, if higher increase press time.
Glue line pressure for	
Hardwood	: 9 - 12 kg/cm2
pH	: 5-6
Consumption	: 70 - 130gr/m2

NF 501 D3 PVA SUPER WOOD GLUE

PVA based wood glue with good water resistance which gets transparent when cured.

- Eco-friendly
- High performance on hard and soft woods
- D3 class water resistance

Code	Wood Glue	Volume	Box
NF 501	Plastic Bootle	Gw. 150 gr	48
NF 501	Plastic Bootle	Gw. 500 gr	12
NF 501	Plastic Bootle	Gw. 1 kg	12
NF 501	Plastic Bootle	Gw. 3 kg	4
NF 501	Plastic Bootle	Gw. 10 kg	1
NF 501	Plastic Bootle	Gw. 30 kg	1

Application Areas

Suitable for gluing all types of wood, wooden materials and flat laminates. Wood to wood, soft- and hardboard, synthetic resin board and chipboard. Suitable for fixing paper, cardboard, paper or textile-backed PVC cloth to wood and board. May also be used to bond outdoor timber constructions such as window-frames and external doors. Particularly suitable for moisture-resistant bonds which have to fulfil high demands.

Features

Conforms to D3 according to DIN EN 204. Excellent bond strength on hard, and soft woods. Water based. Easy application

Technical Properties

Basis	: Vinyl Acetate polymer
Appearance	: White paste
Density	: 1.05 g/mL
Solids %	: 54 ± 1
Filming Time	: Min. 10 minutes (20°C)
Viscosity	: 14400±800 cps cps at 20°C
	(Spindle No 6, 20 rpm)
Moisture content in wood	: 8 - 12 %, Increase press time for
	higher moisture content.
pH	: 5 - 6
Glue line pressure	
for hard wood	: 9 - 12 kg/cm2
Water resistant class	: D3 (DIN EN204)
Consumption	: 70-130gr/m2

NF 502 PUR WOOD GLUE MARINE

A polyurethane wood glue with high water resistance and bonding strength.

- High bonding strength
- D4 grade water resistance
- Low viscosity

Code	Wood Glue	Volume	Box
NF 502	Plastic Bottle	Gw. 150 gr.	48
NF 502	Plastic Bottle	Gw. 650 gr.	12
NF 502	Plastic Bottle	Gw. 560 gr.	12
NF 502	Plastic Bottle	Gw. 500 gr.	12
NF 502	Metal Bucket	Net 6 kg.	1
NF 502	Metal Bucket	Net 25 kg.	1

Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Easy application, low viscosity. High bond strength. Water resistant (D4-DIN EN204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

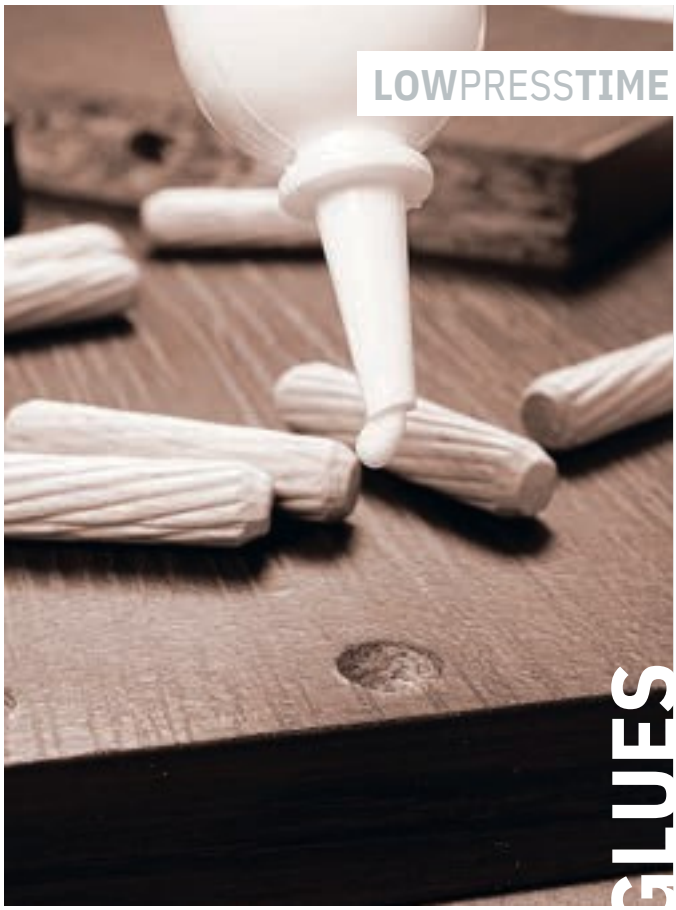
Technical Properties

Basis Color	: Polyurethane prepolymer
Curing system	: Light brown
Density	: Moisture curing
Viscosity	: 1,10 g/ml ± 0,05 (ASTM D1875)
	: 5000-15000 cp cps at 20°C
	(Spindle No 4, 12 rpm)
Tack-Free time	: 25-50 min (23°C and 50% R.H.)(ASTM C679)
Consumption	: Approx. 150 ml/m2
Compression time	: Min. 2 hours*
Water resistant	: Excellent (D4-DIN EN204)
Temperature resistance	:-30°C to +100°C
Application Temperature	: +5°C to +35°C

NF 503

PUR WOOD GLUE FAST CURE

One-component, fast curing liquid polyurethane adhesive. It possesses high water resistance and bonding strength. • Low press time • Usage with or without press • High water resistant



Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystsrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Easy application, low viscosity. High bond stregth. Fast drying. Water resistant (D4-DIN EN 204). Can be used on slightly humid surfaces. Resistant to temperature extremes. Resistant to moisture and chemicals.

Technical Properties

Basis	: Polyurethane prepolymer
Curing system	: Moisture curing
Colour	: Light brown
Density	: 1,10 g/ml ± 0,05 (ASTM D1875)
Viscosity	: 5000-15000 cp cps at 20°C (Spindle No 4, 12 rpm)
Tack-Free time	: 5-15 min. (23 °C and 50% R.H.)(ASTM C679)
Consumption	: Approx. 150 ml/m2
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)
Temperature resistance	:-30°C to +100°C
Application Temperature	: +5°C to +35°C

Code	Wood Glue	Volume	Box
NF 503	Plastic Bottle	Gw. 150 gr.	48
NF 503	Plastic Bottle	Gw. 250 gr.	24
NF 503	Plastic Bottle	Gw. 500 gr.	12
NF 503	Plastic Bottle	Gw. 560 gr	12
NF 503	Plastic Bottle	Gw. 750 gr.	12
NF 503	Plastic Bottle	Gw. 800 gr.	12
NF 503	Plastic Bottle	Gw. 1000 gr.	12

NF 504

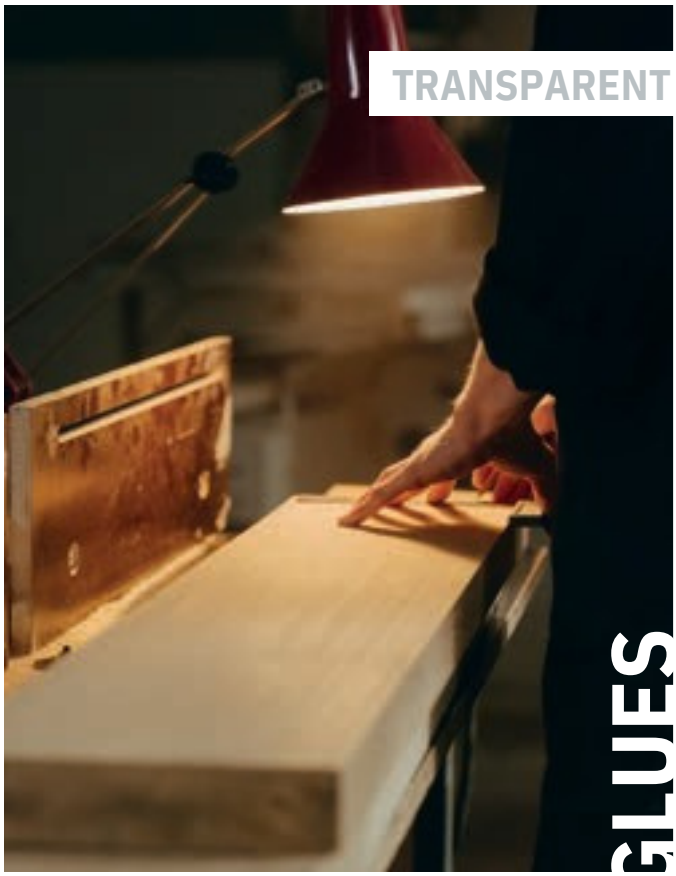
EXPRESS PU WOOD GLUE

Transparent

A fast drying transpararent polyurethane wood glue that possesses high water resistance and bonding strength.

- Fast curing
- High bonding strength
- D4 grade water resistance
- Low press time
- Transparent

Code	Wood Glue	Volume	Box
NF 504	Transparent / Express	Gw. 150 gr.	48
NF 504	Transparent / Express	Gw. 250 gr.	24
NF 504	Transparent / Express	Gw. 500 gr.	12
NF 504	Transparent / Express	Gw. 560 gr.	12
NF 504	Transparent / Express	Gw. 750 gr.	12
NF 504	Transparent / Express	Gw. 800 gr.	12
NF 504	Transparent / Express	Gw. 1000 gr.	12
NF 504	Transparent / Express	Net 25 kg	1



Application Areas

Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc. Furniture and boat production. All bonding applications that need a high water resistance.

Features

Fast curing. Low press time. Transparent. Extremely high bond strength on numerous substrates. Conforms to D4 according to DIN EN 204. Easy to use. Very good resistance to chemicals. Excellent resistance to moisture and weather conditions. Nonshrinking. Low odour. Useable in slightly wet substrates.

Technical Properties

Basis Color	: Polyurethane prepolymer
Curing system	: Transparent
Density	: Moisture curing
Viscosity	: 1.10 g/ml ± 0.05 (ASTM D1875)
	: 3000 ± 1000 cp cps at 20°C
	(Spindle No 4, 12 rpm)
Temperature resistance	:-30 °C to +100 °C
Tack-Free time	: 5-15 min (23 °C and 50% R.H.)(ASTM C679)
Consumption	: Approx. 150 ml/m2
Compression time	: At least 15 min*
Water resistant	: Excellent (D4-DIN EN204)

NF 505

MEMBRANE PRESS ADHESIVE

New generation adhesive for fixing PVC, PP, PET, ABS onto especially MDF by the vacuum or membrane press process for the manufacture of high gloss furniture in kitchen, bathroom or wardrobe shutters and doors. Membrane Press Adhesives are can be used together with NEFIX hardeners creating a cross linked film with high adhesion properties and very good heat and water resistance. • Heat-sensitive film with low activation temperature • Moisture and chemical resistance • Not harmful to environment and human health

Code	Type	Volume	Box
NF 505	Plastic Bucket	20 kg	1
NF 505	Plastic Bucket	20 kg	1

Application Areas

Permanent adhesion for durable fixation. Excellent heat resistance to prevent delaminating in hot conditions. Outstanding bonding properties on most synthetic and natural materials. Enabling you to get perfect and smooth surface for high gloss finishes. High initial bond strength and low activation temperature for heat sensitive films.

Features

Easy to apply, has a low viscosity. Quick drying. Water resistant. Synthetic and natural materials, excellent bonding. Low and high temperatures do not lose strength. Moisture and chemical resistant. Heat-sensitive film with high adhesion for the low activation temperature. Not harm the environment and human health.

Technical Properties

Basis Color Non-volatile	: Polyurethane dispersion
matter Activation	: White
Temperature Density	: 39 - 41 (DIN EN ISO 3251)
Viscosity Ph Water	: 55-60 °C
resistant	: 1.10 g/ml ± 0.05 (ASTM D1875)
	: 600-1500 cp (23 °C and 50% R.H.)
	: 6.0-9.0
	: Excellent

NEFIX HOTMELT
EDGE BANDING **ADHESIVES**

nefix.com.tr

NF 600 EVA HOTMELT STRAIGHT EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 600	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for flat banding applications.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll,
Veneer and for chipboard, plywood, blockboard, MDF, fireproof board

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 170-200°C
Time Specific Gravity	: 80.000 ± 10.000 cps @ 180 °C
Shelf Life	: 100 ± 5
	: Short
	: 1.50 ± 0.05 g/ml
	: Approximately 2 years

NF 601 EVA HOTMELT STRAIGHT EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 601	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for flat banding applications.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll,
Veneer and for chipboard, plywood, blockboard, MDF, fireproof board

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 170-210°C
Time Specific Gravity	: 120.000 ± 10.000 cps @ 180 °C
Shelf Life	: 100 ± 5
	: Short
	: 1.45 ± 0.05 g/ml
	: Approximately 2 years

NF 602

EVA HOTMELT STRAIGHT EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 602	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for automatic straight line.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll, Veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 170-210°C
Time Specific Gravity	: 75.000 cps @ 180 °C
Shelf Life	: 95 ± 5
	: Short
	: 1.40 ± 0.03 g/ml
	: Approximately 2 years

NF 603

EVA HOTMELT STRAIGHT EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 603	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for flat banding applications.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll, Veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 180-210°C
Time Specific Gravity	: 80.000 ± 10.000 cps @ 180 °C
Shelf Life	: 100 ± 5
	: Short
	: 1.30 ± 0.05 g/ml
	: Approximately 2 years

NF 604

EVA HOTMELT EDGE BANDING ADHESIVE

Yellow - Transparent

EVA based hotmelt adhesive
- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 604	Pocket / Bucket	20 kg	1000 kg

Application Areas

The edge-banding glue can be used for flat banding applications.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll, Veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Yellow - Transparent
Softening Point Open	: 170-200°C
Time Specific Gravity	: 70.000 ± 10.000 cps @ 180 °C
Shelf Life	: 95 ± 5
	: Short
	: 0.98 ± 0.05 g/ml
	: Approximately 2 years

NF 605

EVA HOTMELT EDGE BANDING ADHESIVE

Transparent

EVA based hotmelt adhesive

- Suitable for almost all kinds of machines
- Good for different banding machines

Code	Packaging	Volume	1 Palette
NF 605	Pocket / Bucket	20 kg	1000 kg

Application Areas

The edge-banding glue can be used for flat banding applications.

Features

Edge-banding glue is suitable for PVC roll, ABS, solid wood roll, Veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Transparent
Softening Point Open	: 180-210°C
Time Specific Gravity	: 90.000 ± 10.000 cps @ 180 °C
Shelf Life	: 100 ± 5
	: Short
	: 0.98 ± 0.05 g/ml
	: Approximately 2 years

NF 606

EVA HOTMELT CURVE EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for curved edges
- Good for different binding machines

Code	Packaging	Volume	1 Palette
NF 606	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for manuel or curved edge-banding applications

Features

Edge-banding glue is suitable for PVC, ABS, solid wood roll, veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 130-150°C
Time Specific Gravity	: 30.000 ± 5.000 cps @ 180 °C
Shelf Life	: 85 ± 5
	: Medium
	: 1.40 ± 0.05 g/ml
	: Approximately 2 years

NF 607

EVA HOTMELT CURVE EDGE BANDING ADHESIVE

EVA based hotmelt adhesive
- Suitable for curved edges
- Good for different binding machines

Code	Packaging	Volume	1 Palette
NF 607	Pocket / Bucket	25 kg	1250 kg

Application Areas

The edge-banding glue can be used for manuel or curved edge-banding applications

Features

Edge-banding glue is suitable for PVC, ABS, solid wood roll, veneer and for chipboard, plywood, blockboard, MDF, fireproof board and more.

Technical Properties

Form Color Application	: Granules
Temprature Viscosity	: Beige
Softening Point Open	: 130-150°C
Time Specific Gravity	: 25.000 ± 5.000cps @ 180 °C
Shelf Life	: 88 ± 5
	: Medium
	: 1.25 ± 0.05 g/ml
	: Approximately 2 years

NF 608 SPONGE ADHESIVE

High quality sponge adhesive.
- Solvent based non-flammable adhesive
- Yellow and Red

Code	Packaging	Volume	1 Palette
NF 608	Tin Bucket	15 kg	-
NF 608	Barrel	240 kg	-
NF 608	IBC	1000 kg	-

Application Areas

Mainly upholstery industry

Features

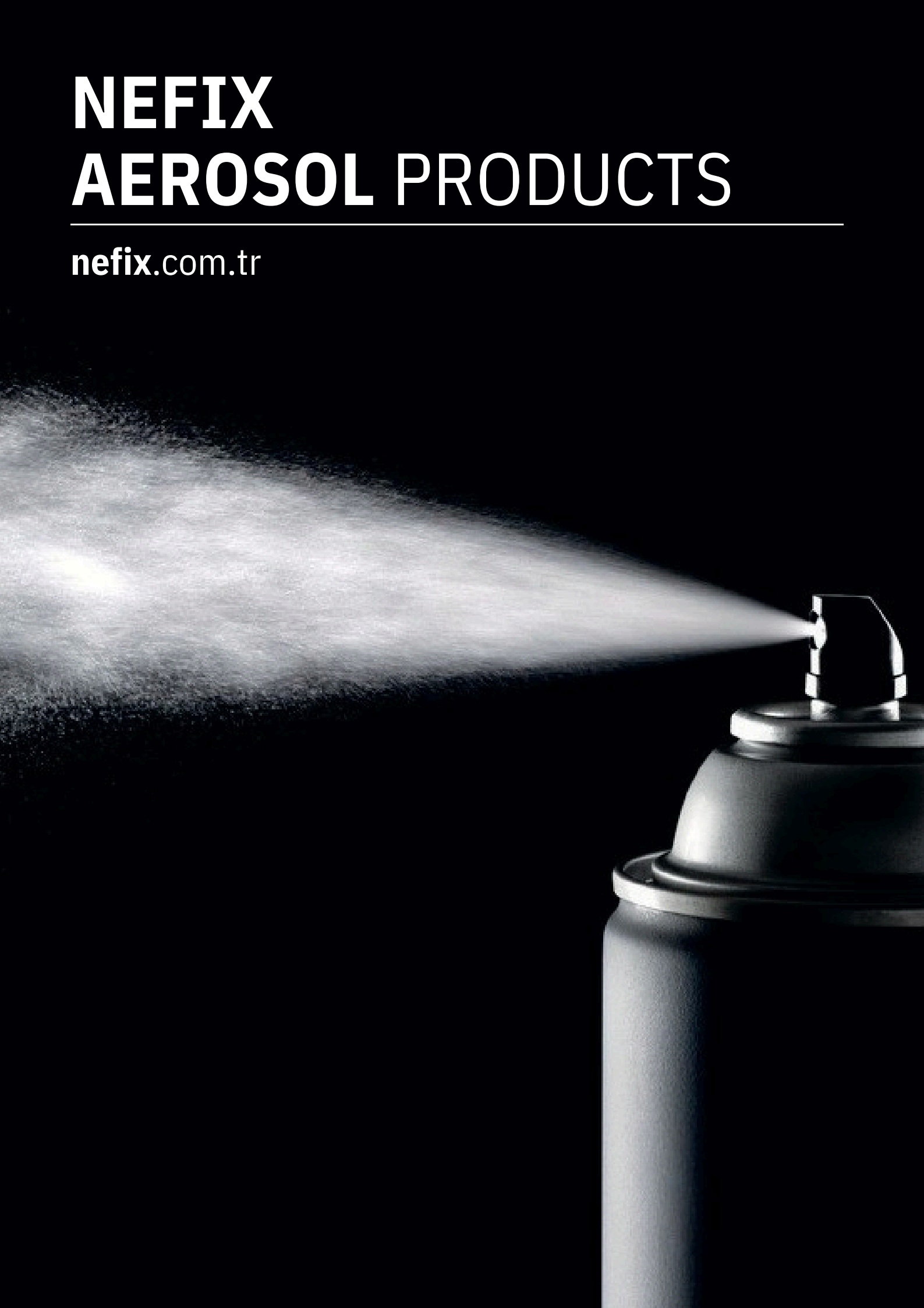
NEFIX NF 608 is a high strenght a universal adhesive for polyethylene, plates or pipes made of rubber foam, polyurethane acustic foams, Nfaf, wood, rubber, leather, cork, felt, rigid PVC, soft foams, metal and other synthetic materials. Specially recommended for producing upholstery.

Technical Properties

Form Color Application	: Liquid
Temprature Viscosity	: Yellow - Red
Open Time Specific	: 10-40°C
Gravity Shelf Life Solid	: 700 CPS ± 100 sec @ 25 °C
content	: Medium
	: 1.18 ± 0.02 g/ml
	: Approximately 1 years
	: 40% ± 2

NEFIX
AEROSOL PRODUCTS

nefix.com.tr



NF 40

MULTI PURPOSE PROTECTOR SPRAY

Corrosion Inhibitor, Lubricant and Multi Purpose Protector aerosol Spray. It's special formula combines many properties such as cleaning, lubricating, loosening rusted part, driving out moisture. It can be used in industrial, home and daily labors. • Ultimate penetrating • Loosens rust • Does not contain silicone

Code	Aerosol	Volume	Box
NF 40	-	200 ml	24/9
NF 40	-	400 ml	6
			24/4
			8

Application Areas

In all fittings, door and window mechanisms, locks, handles, hinges. For annulling humidity on metallic surfaces of bikes, motorbikes, small motor vehicles, electronic contacts and other home tools such as drills, jigsaws, etc. For loosening and activating rusted and jammed mechanisms. Can be used as protective on surfaces vulnerable to water and rust. For dissolving adhesive materials like tar, gum, adhesive tapes etc. Can be used for cleaning and maintenance of weapons.

Features

Ultimate penetrating ability. Loosens rusted or corroded bolts, nuts, cables and any other fasteners. Greases and loosens door and window hinges, locks, and other fittings. Decreases frictions and stops squeaks of pedals, chairs, windows, faucets and hinges. Does not contain silicone and any dirt trap additives. Drives the moist out of the surface and dries it out thus provides longtime lubricating effect. Protects metal parts against rust. Provides maintenance by penetrating into surface and protects it against dirt. Dissolves tar, gum, adhesive etc. Permeates into grease and dirt and creates a protective film layer on the surface.

Technical Properties

Form	: Aerosol
Colour	: Yellowish
Water solubility	: Insoluble

NF 50

PENETRATING OIL SPRAY

High performance penetrating oil enriched with MoS2.

- Excellent Penetrating
- Protects
- Enriched With MoS2

Application Areas

Seized and rusted nuts and bolts. Locks and hinges. Screwed parts. Equipment disassembly. Corroded fasteners. Valves. Air tools. Chains and conveyors. Agricultural equipment.

Features

Excellent penetrating capability. Penetrates into hard- to-reach areas quickly. Loosen rusted parts and form a protective layer between metal surfaces. Diminish friction. Remove water and protects against moisture. Protects metal parts and surfaces from corrosion. Eases quick disassembly of mechanical components, fittings, assemblies, nuts and bolts and other close tolerance asteners. Leaves a solid lubricating MoS2 film. Reduces wear and facilitates future disassembly. MoS2 reduces friction even elevated temperatures.

Technical Properties

Basis	: Solvent and oil mixture with MoS2
Appearance	: Black colored liquid
Specific gravity	: 0,77±0,03 gr/cm3
Odor	: Characteristic

Code	Aerosol	Volume	Box
NF 50	-	200 ml	24
NF 50	-	400 ml	12

NF 60 BRAKE AND CLUTCH CLEANER

Powerful cleaning aerosol is used to remove oil, grease, dirt and dust from brakes and clutches, aiding in the elimination of brake squeal and clutch slip caused by glazing and contamination. Brake cleaner helps brakes last longer and perform better. • Excellent Penetration • Non-Staining • Non Corrosive To Metals

Code	Aerosol	Volume	Box
NF 60	-	500 ml	12
NF 60	-	30L	1

Application Areas

Perfect for cleaning and degreasing:

- Brake linings
- Cylinders
- Disc brake pads
- Wedge brakes
- Calipers
- Drums
- Brake shoes
- Discs
- Springs
- Clutch discs

Features

Effectively removes the deposits like leaking brake fluid, grease, oil and hardened contaminations. Eliminates dust from brake and clutch parts. Reduces disc-brake squeal and clutch chatter. Can be applied without disassembly, saving time and reducing maintenance costs. Evaporates quickly. Leaves no residue. Excellent penetration. Stable, nonstaining and non-corrosive to metals. Aerosol is equipped with a 360° (upside-down) spray valve and extension tube for added convenience.

Technical Properties

Form	: Liquid aerosol
Appearance	: Transparent
Specific gravity	: 0,72±0,02 gr/cm3
Odor	: Characteristic
Flash Point	: N/A

NF 70 ENGINE CLEANER SPRAY

Excellent product developed against engine oil, grease and stubborn dirt.

- It doesn't damage any parts in engine
- Cleans and cares
- Harmless for electronic circuits

Code	Aerosol	Volume	Box
NF 70	-	500 ml	-

Application Areas

Car Engines, Motorcycles, Machines, It is suitable for all types of engines, such as lawn mowers.

Features

It doesn`t damage any parts in engine. Provides a brilliant view and protection to the engine besides the cleaning. Thanks to its superior content, it offers to penetrate and remove the stubborn dirt, oil and grease on the engine. Contain ozone-friendly propellants that do not harm the environment. Harmless for electronic circuits. It easily reaches, penetrates and cleans the most difficult areas. Does not damage rubber, plastic and painted surfaces. Does not contain silicone. It contains citrus essences.

Technical Properties

Form	: Aerosol
Color	: Clear
Odor	: Light citrus
Specific Gravity	: 0,758 g/cm3

NEFIX
FIRE RATED PRODUCTS

nefix.com.tr

NF 700 FIRE RATED PU SEALANT

One component, medium modulus polyurethane sealant that cures on exposure to atmospheric humidity and capable of enduring direct flame to certain degrees.

- Fire Retardant More Than 4 Hours
- A+ Indoor Air Quality
- 25% Movement Capability

Application Areas

Fire rated sealing and bonding applications. Expansion joints between many different construction materials. Movement and connection joints in floors. Indoor and outdoor applications for pedestrian and traffic areas. Joints between prefabricated construction materials. Sealing and bonding of ventilation ducts, gutters and spouts etc.

Code	Color	Volume	Box
NF 700	Black	300 ml	12
NF 700	Black	400 ml	12
NF 700	Black	600 ml	12
NF 700	Grey	400 ml	12
NF 700	Grey	600 ml	12
NF 700	Black	310 ml	12
NF 700	Grey	310 ml	12

Features

More than 4 hours of fire resistance in certain conditions without using backfilling materials. Possesses permanent elasticity. No sagging – Thixotropic. No surface tackiness after full cure. Do not pick up dirt. No shrinkage. Enhanced storage stability. Can be applied with hand gun and tooled easily. Paintable. Cures bubble-free 25% movement capability. Conforms to BS 6920 for the metallic water soluble impurities. Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168. M2 Fire Rating according to NF P 92-501 radiation test. A+ indoor air quality rating.

Technical Properties

BEFORE CURING	
Basis	: Polyurethane
Consistency	: Thixotropic
Curing Mechanism	: Moisture Curing
Density	: 1.20-1,25g/ml
Tack free time	: 30-60 min. (23°C and 50% R.H)
Curing Rate	: Min. 2,5 mm/day (23°C and 50% R.H)
Sagging	: 0 mm (EN ISO 7390)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +40°C
AFTER CURING	
Hardness Shore A	: 35-40 After 28 days (ASTM C661)
Paintibility	: Yes *
Elastic Recovery	:≥ 70% (ISO 7389)
Elongation at break	: ≥ 200%
E100 Modulus (23 °C)	: 0.35-0.40 N/mm2
E100 Modulus (-20 °C)	:≤ 0,60 N/mm2
DUMBLE TEST	
Elongation at break	: ≥%600 (ASTM D412)
Tensile Strength	: 1.5-2.0 N/mm2 (ASTM D412)

NF 701

FIRE STOP ACRYLIC SEALANT

Single component water based fire rated acrylic sealant ideal for sealing joints to prevent the passage of flammable gases and toxic smoke in compartment walls and floors.

- Fire Retardant More Than 4 Hours
- A+ Indoor Air Quality
- Intumescent

Code	Color	Volume	Box
NF 701	White	310 ml	12
NF 701	White	400 ml	12
NF 701	White	600 ml	12
NF 701	White	Br. 550 g.	12

Application Areas

Sealing of joints and seams, or at certain areas where requirements for fire resistance are mandatory.

Features

M1 Fire Rating according to NF P 92-501 radiation test. Good unprimed adhesion to most common construction substrates. Easy to apply. Remains flexible. Paintable. Non-slump.

Technical Properties

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
Ph	: 7.5-9
Specific gravity	: 1,58 ± 0,03 gr/cm3 (ASTM D 792)
Tack-Free time	: 15-30 min
Curing Rate (mm/day)	: Min.2 mm/day
	(23°C and 50% R.H) (ASTM C 679-03)
Shore A hardness	: 40 ± 5 Shore A
Elongation	: > 100% (ASTM D 412)
Tensile strength	: ≥ 0,4 N/mm2 (ASTM D 412)
Application Temperature	: +5°C to +40°C
Volume shrinkage	: %10-15 (ASTM D 412)

NF 702

FIRE RATED NEUTRAL SILICONE

Graphite containing one-component neutral intumescent silicone sealant designed to protect cable entries by forming a gas and watertight seal. Product cures upon exposure to atmospheric humidity. It expands at high temperatures to prevent the passage of smoke and flames.

- Flexible & Durable
- Gas & Water Tight
- Shock Absorbing

Code	Color	Volume	Box
NF 702	Black	310 ml	12
NF 702	Grey	310 ml	12

Application Areas

Combustible and non combustible pipes. Cables (single cables or bunches of cables). Seals all know materials; PVC & PE sheathed cables etc. Suitable for any shaped duct. Suitable for all common building materials.

Features

Flexible and durable. Gas and Water tight. Shows Fire resistance properties. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Shock absorbing. Quick and easy installation.

Technical Properties

Basis	: Neutral Silicone
Density	: 1,25 ±0,03gr/cm3 (ASTM D 792)
Flow	: 0 mm (ISO 7390)
Colour	: red-grey-black
Skin over time	: ± 20 minutes 23°C / 55% R.H.
Curing	: Min. 3 mm/24h
Hardness	: 30-35 shore A
Elongation	: > 100% (ISO 7389) (ISO 7389)
Tensile strength	: 1± 0,25 N/mm2 (ISO 8339)
Operating temperature	: +5°C to +40°C
Temperature resistance	: -40°C to +120°C

NF 703

FIRE RATED SILICONE

Fire retardant, elastic, neutral curing silicone sealant that cures upon exposure to atmospheric humidity. Absorbs movements up to 25%.

- Fire Retardant
- Absorbs Movements 25 %
- Water, Weather & UV Resistant

Code	Color	Volume	Box
NF 703	White	310 ml	12
NF 703	White	600 ml	12

Application Areas

Fire resistant sealing of connection and expansion joints in constructions. All building and glazing joints which require a fire rating. Suitable for all common building materials.

Features

Flexible and durable. Water, weather and UV resistant. Resistant against Water, Alkaline, Chemical agents. Non corrosive. Solvent free. Air tight sealing. Quick and easy installation.

Technical Properties

Basis	: Silicone Polymer (Oxime)
Density	: 1,30 ± 0,03 g / cm3 (ASTM D 792)
Sagging	: 0 mm (ISO 7390)
Skin over time	: 10 ± 5 min (23°C, 50% R.H.)
Curing Rate	: Min. 3 mm/ 24 sa (23°C, 50% R.H.)
Hardness	: 40 ±5 shore A
Elongation at break	: ≥100% (ISO 7389)
Tensile Strength	: 1,5-2,0 N/mm2 (ISO 8339)
Application Temperature	: +5°C to +40°C
Heat Resistance	: -60 °C to +180°C

NF 107

B2 FIRE RATED PU FOAM

Self expanding sealing and bonding foam. It is designed for easy dispensing through the straw adapter included to each can and gun adapter.

- Rated B2 According To DIN 4102
- Excellent Adhesion to MostBuilding Materials
- Very Good Filling Capacity

Code	Type	Volume	Box
NF 107	Fire Rated	850 g.	12

Application Areas

Fixing and insulating of door and window frames. Filling and sealing of gaps, joints and cavities. Filling of penetrations in walls. Insulating electrical outlets and water pipes.

Features

Rated B2 according to DIN 4102. Excellent adhesion to most building materials. It does not contain any propellant gases that are harmful to the ozone layer. It can be painted after curing. It can be cut and trim.

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/ cm3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 6±2 min (ASTM C1620)
Cutting Time (1cm width)	: 20-45 min (ASTM C1620) :
Cure-Time	24 hours : Light red : 40-45
Foam Colour	L (ASTM C1536)
Yield	
Fire Class of the Cured Foam	: B2
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption Can	: max. 1 vol% (DIN 53428)
Temperature	: min.5°C max. +30°C
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

NF 108

B1 FIRE RATED PU FOAM

One component, moisture curing, self expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire rating of up to 220 minutes in certain configurations.

- Fire Retardant Up To 220 Min
- Efficient Seal Against Smoke And Gas
- Excellent Adhesion & Filling Capacity

Code	Type	Volume	Box
NF 108	Fire Rated	850 g.	12

Application Areas

All applications where fire retardant properties are required such as: Installation of door and window frames. Filling and sealing gaps, joints and cavities. Filling of penetrations in walls Heat insulation of roof construction. Sealing of cable and pipe penetrations. Soundproofing and sealing partition walls. Bonding of insulation materials. Multi-Purpose, adhesion and fixation.

Features

According to EN 1366-4 fire retardant up to 220 min. Efficient seal against smoke and gas. Does not contain CFC's and H-CFC's. Excellent adhesion & filling capacity. Excellent mounting capacity and stability. High yield up to 45 liters depending on temperature and humidity. Excellent adhesion on most substrates (except Teflon, PE and PP). High filling capacity. High thermal & acoustical insulation value. After cured, it can be painted, cut, trimmed. No shrinkage. Mould and water resistant. Conforms to fire class B1 (DIN 4102).

Technical Properties

Basis	: Polyurethane Prepolymer
Curing System	: Moisture cure
Specific Gravity	: 22±3 Kg/cm3 (ASTM D1622)
Tack-Free Time (1 cm width)	: 7±3 min (ASTM C1620)
Cutting Time (1cm width)	: 30-45 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Colour	: RED
Yield Volumetric	: 40-45L (ASTM C1536)
Post Expansion	: 200-250 %
Shrinkage	: 0%
Fire Class of the Cured Foam	: B1 (DIN 4102)
Thermal Conductivity	: 0,036 W/m.k (at 20°C) (DIN 52612)
Compression Strength	: 0,03 MPa (DIN 53421)
Water Absorption	: Max. 1 vol% (DIN 53428)
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C
Can temperature	: +5°C to +30°C

NEFIX

Adhesives & Construction Chemicals

Türkiye

Discover
the potential

info@nefix.com.tr
pazarlama@nefix.com.tr
export@nefix.com.tr

nefix.com.tr