



MEGAFIX[®] / 302

TECHNICAL DOCUMENTATION



MEGAFIX 302 IS A HIGH-QUALITY, MULTI-PURPOSE, PROFESSIONAL AND UNIVERSAL SEALANT AND CONSTRUCTION AND INSTALLATION ADHESIVE THAT IS BASED ON MS-POLYMER[®] TECHNOLOGY AND MOISTURE-CURES INTO A DURABLE RUBBER THAT RETAINS ITS ELASTICITY.

APPLICATIONS

Universal joint sealant and material adhesive in the construction, industrial, marine and automotive sectors. Versatile sealant for connections between building components in floor, roof, façade and interior and exterior wall structures. Multifunctional installation and construction adhesive, suitable for almost all building materials. Fungicidal joint sealant in sanitary spaces and other spaces with plumbing fixtures, as well as cold storage units. Seal, adhere and install natural stone, marble, granite, hard stone, concrete and other porous stone types and/or materials, such as untreated wood types. Highly UV-resistant glazing compound for top and bead seals for glass panes. Structural bonding in vibrating structures. Seal, adhere and install metal parts in the construction of roofs, façades, bodywork, containers and air ducts. Adhesion of post-and-lintel slabs and EPDM films in the construction of roofs, façades and ponds. Excellently suited for adhesion and installation of mirrors and façade and decorative panels. Perfect for use as a paintable sealant and filler for joints, seams, cracks, holes and fissures. Repair adhesive or sealant for renovation, maintenance, assembly, installation and repair work in the construction and transport sectors.

PROPERTIES

Durable, retains elasticity, maximum movement capacity of 25%. Excellent adhesion without primer on practically all surfaces, even moist ones. Seal, adhere and install practically anything with a single product, both indoors and out. Superb working properties, professional A quality. High mechanical resistance and ultimate strength, fast-strengthening and fast-curing. Good resistance to discolouration, UV, weather, water, moisture, fungus and ageing. Odourless, bubble-free and non-shrink fast-curing CE-certified MS-Polymer[®] system. Free of plasticisers, phthalates, isocyanate, solvents and silicone. Very low emission: certified EMICODE EC1 PLUS and VOC emission class A+. Compatible in direct contact with the silver coating on mirrors and PVB-laminated glass. No edge contamination, staining or bleeding on porous materials, such as concrete, natural stone and untreated wood. Sandable and grindable once fully cured; paintable immediately after skin formation. Non-corrosive to metals. Absorbs acoustic and mechanical vibrations well. Usable wet-on-wet, repair with the same material.

APPLICATION CONDITIONS

Application temperature (ambient and surface) between +5°C and +40°C. On clean, uncontaminated, compatible, stable, grease-free and dust-free surfaces. Ensure proper joint dimensions, for proper absorption of any movements. Use a suitable brush to remove any loose particles from the surface. Degrease the surface properly using cleaner. Mega Fix 302 adheres excellently to many surfaces. We recommend priming highly porous absorbent/open surfaces with primer first. For adhesive applications, apply material vertically (ventilation) in beads spaces between a minimum of 10 cm and a maximum of 20cm. Do not apply in dabs! It is recommended to use double-sided adhesive tape to support adhesion during the curing process and to achieve the correct adhesive thickness. Use finish to apply a smooth and tight finish, before skin formation.

BELNED / SEALANTS
ADHESIVE



PAINTABILITY

After skin formation, Mega Fix 302 offers optimal paintability with emulsion paints. However, synthetic paint systems may dry slowly. If it will be painted (not necessary), for best results, we recommend lightly sanding the Mega Fix 302 and adjacent parts. Then thorough degreasing with cleaner and painting immediately after this.

CLEANING

Remove fresh/uncured material from surfaces and tools using cleaner. Clean hands/skin with ultra-wipes. Cured material must be removed mechanically.

LIMITATIONS & RECOMMENDATIONS

Not suitable for continuous water loads or dilation joints. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, applications in dark rooms/spaces or release of plasticiser from the surface. We recommend testing the adhesion and the material and paint compatibility in advance.

HEALTH & SAFETY

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. The product safety data sheet is available on request.

WARRANTY & LIABILITY

Belned BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

SHELF LIFE

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 18 months after the production date.

CERTIFICATIONS

EN 15651-1: F-INT
EUROFINS
LEED® BREEAM
VOC-emissieklasse A+
EMICODE EC1 PLUS



TECHNICAL DATA MEGAFIX® | 302

Technical product data

Base			MS-POLYMER®
Viscosity	mm	ISO 7390	<2
Density	g/ml		1,42
Skin formation time	min.	23°C/55%RV	10
Cures in 24 hours	mm	23°C/55%RV	2-3
Contraction			None
Temperature resistance once fully cured	°C		-40 / +100
Mechanical values		2mm film	
Shore A hardness		DIN 53505	60
Modulus at 100%	MPa	DIN 53504	1,60
Tensile strength	MPa	DIN 53504	2,60
Stretch at breaking point	%	DIN 53504	300
Product range	20 x 290 ml cartridge		
White	BN065521		
Grey	BN065522		
Black	BN065523		

BELNED SEALANTS

ADHESIVE

Belned BV

Postbus 410
4940 AK Raamsdonksveer
Ramgatseweg 4
4941 VS Raamsdonksveer
HR Tilburg 18119066

T +31 (0)162 576 576
E verkoop@belned.nl
info@belned.nl
www.belned.nl
BTW: NL005472490B01

Industriezone Centrum Zuid 3041
B-3530 Houthalen
T +32 (0)11 525 880
E sales@ad-products.be
BTW: BE0686790880