



MEGAFLEX®/Pro

TECHNICAL DOCUMENTATION



MEGAFLEX PRO IS A KOMO-CERTIFIED, TOP QUALITY, SUPERBLY PAINTABLE SEALANT FOR BUILDING STRUCTURES AND GLAZING STRUCTURES, THAT IS BASED ON MS-POLYMER® TECHNOLOGY AND MOISTURE-CURES INTO A DURABLE RUBBER THAT RETAINS ITS ELASTICITY.

APPLICATIONS

Specially developed as a highly paintable glazing compound for top and bead seals for installation of laminated, self-cleaning and insulating glass, in accordance with NEN 3576/NPR 3577. Seal windows, window and door frames, sections, panels, boards and other façade and building components. Construction compound for joints and connections to be painted later. Repair compound for maintenance on structural and glazing joints based on MSP hybrid.

PROPERTIES

Optimal paintability with water-based and synthetic paint systems. Durable, retains elasticity, maximum movement capacity of 25%. Excellent adhesion without primer on practically all surfaces, even moist ones. User-friendly and versatile applications in structural and glazing joints. Meets requirements for intruder-resistant glass, in accordance with the Secure Home Police Label (the "Politie Keurmerk veilig wonen"). Non-corrosive to metals. Compatible in direct contact with PVB-laminated glass and edge seals on insulating glass. Free of isocyanate, solvents and silicone. Very low emission: certified EMICODE EC1 PLUS. Good resistance to discolouration, UV, weather, water, moisture and ageing. Odourless, bubble-free and non-shrink curing CE and KOMO-certified MS-Polymer® system.

APPLICATION CONDITIONS

Application temperature (ambient and surface) between +5°C and +40°C. On stable, compatible, clean, uncontaminated, 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. Megaflex Pro adheres excellently to many surfaces. We recommend priming highly porous/absorbent/open surfaces with primer first. Use finish to apply a smooth and tight finish, before skin formation.

PAINTABILITY

After skin formation, Megaflex Pro is superbly paintable with synthetic and emulsion paints. If Megaflex Pro will be painted (not necessary), for the best results we recommend lightly sanding the Megaflex Pro and adjacent parts and then degreasing thoroughly with cleaner. Apply a wet finish with finish, in the correct mixing ratios: improper mixing ratios will cause soap residues on the Megaflex Pro. This increases surface tension, resulting in poor paint flow and/or in paint adhesion. Dry the sealant surface thoroughly with a clean, grease-free, dry, absorbent and lint-free cloth. For best results, paint Megaflex Pro within a few days of application. During painting, always work under the proper application conditions. See the application instructions of the relevant paint manufacturer beforehand. Because Megaflex Pro offers lasting resistance to ageing and weather, it is not necessary to paint Megaflex Pro. We recommend not painting elastic deformable sealants with paint systems that cannot absorb movements in the surface, as this may result in cracking in the applied coat of paint in the future.

BN BELNED / SEALANTS

HYBRID



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, dilation joints or direct contact with foodstuffs. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Not fungicidal. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, release of plasticiser from the surface and/or application in dark rooms/spaces. Ensure adequate humidity in the immediate environment. 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 15651-2: G-CC20LM
EMICODE EC1 PLUS
KOMO CERTIFICATE No 33351/18



TECHNICAL DATA MEGAFLEX®/Pro

Technical product data

Base			MS-POLYMER®
Viscosity	mm	ISO 7390	<2
Density	g/ml		1,20
Skin formation time	min.	23°C/55%RV	18
Cure in 24 hours	mm	23°C/55%RV	+/- 2
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cures	°C		-40 / +100
Mechanical values		2mm film	
Shore A hardness		DIN 53505	35
Modulus at 100%	MPa	DIN 53504	0,45
Tensile strength	MPa	DIN 53504	1,34
Stretch at breaking point	%	DIN 53504	300

Product range

	20 x 290 ml cartridge	12 x 600 ml foil pack
White	BN064910	BN064920
Grey	BN064912	BN064922
Brown	BN064914	BN064924
Black	BN064916	BN064926
RAL 9001	BN064918	BN064928
RAL 7016		BN064927

BELNED SEALANTS

HYBRID

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