



MEGASEAL® / Xtra

TECHNICAL DOCUMENTATION



MEGASEAL XTRA IS A KOMO-CERTIFIED SEALANT FOR CONSTRUCTION AND GLAZING, THAT IS PAINTABLE TO A LIMITED DEGREE, CAN BE TOOLED DRY, IS BASED ON SILICONE TECHNOLOGY AND MOISTURE-CURES INTO A DURABLE RUBBER THAT RETAINS ITS ELASTICITY.

APPLICATIONS

Particularly suited for use as a high-quality glazing compound for top and bead seals for laminated and insulating glass, in accordance with NEN 3576/NPR 3577. Construction compound for connections between many different material types in the construction industry, such as masonry, concrete, stone, ceramic, wood, stainless steel, metal, aluminium, PVC, plastic, composite, polycarbonate, coatings and glass. Apply a durable elastic seal on windows, window and door frames, sections, board materials, mouldings, panels, profiles and prefab and other façade and building components. Repair compound for maintenance on structural and glazing joints based on silicone.

PROPERTIES

Optimal working properties, can be tooled dry, fast and clean to work with. Durable, retains elasticity, maximum movement capacity of 20%. Excellent adhesion without primer on practically all porous and non-porous surfaces. Limited paintability with water-based and synthetic paint systems. Meets requirements for intruder-resistant glass, in accordance with the Secure Home Police Label (the "Politie Keurmerk veilig wonen"). Very low emission: certified VOC emission class A+. Neutral, low-odour, acid-free curing, CE and KOMO-certified silicone system. Good resistance to discolouration, UV, weather, water, moisture and ageing. Non-corrosive to metals.

APPLICATION CONDITIONS

Application temperature (ambient and surface) between +5°C and +40°C. On stable, compatible, dry, 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. Megaseal Xtra adheres excellently to many surfaces. We recommend priming highly porous/absorbent/open surfaces with primer first. Can also be finished wet, using finish, before skin formation.

PAINTABILITY

Megaseal Xtra offers limited paintability after skin formation, with synthetic and emulsion paint systems. We recommend testing paint compatibility in advance. If Megaseal Xtra will be painted (not necessary), for the best results we recommend lightly sanding the Megaseal Xtra and adjacent parts and then degreasing thoroughly with cleaner. For wet-finishing, apply finish in the correct mixing ratios: improper mixing ratios may result in soap residues on the caulk, which would increase surface tension and prevent proper paint flow and/or adhesion. Dry the sealant surface with a clean, grease-free, dry, absorbent and lint-free cloth. For best results, paint Megaseal Xtra 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. Megaseal Xtra offers lasting resistance to ageing and weather. It is not necessary to paint Megaseal Xtra. We recommend not painting elastic deformable sealants with paint systems that cannot properly absorb movements in the surface, as this may result in cracking in the applied coat of paint in the future.

BELNED SEALANTS

SILICONE



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 dilation joints or aquarium sealing. Not suitable for applications in direct contact with the silver coating on mirrors, natural stone or 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, applications in dark rooms/spaces or release of plasticiser. 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. Use in well ventilated spaces and/or locations. 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-EXT-INT 20HM

EN 15651-2: G-20HM

VOC-emissieklasse A+

KOMO CERTIFICAAT NR. 33350/18



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Technical product data

Base			SILICONEN OXIM
Viscosity	mm	ISO 7390	<2
Density	g/ml		1,14-1,30
Skin formation time	min.	23°C/55%RV	8 - 15
Cures is 24 hours	mm	23°C/55%RV	2,5
Contraction			None
Permissible deformation	%		20
Temperature resistance once fully cured	°C		-40 / +120
Mechanical values		2mm film	
Shore A hardness		DIN 53505	30
Modulus at 100%	MPa	DIN 53504	0,60
Tensile strength	MPa	DIN 53504	1,50
Stretch at breaking point	%	DIN 53504	350
Product range	20 x 310 ml cartridge	12 x 600 ml foil pack	
White	BN064811	BN064831	
Grey	BN064813	BN064833	
Teak	BN064815	BN064835	
Black	BN064817	BN064837	
Cream	BN064819	BN064839	