



MEGACRYL[®] / Exterior

TECHNICAL DOCUMENTATION



MEGACRYL EXTERIOR IS A INSTANTLY RAINPROOF, SUPERBLY PAINTABLE HIGH-QUALITY SEALANT, FILLER AND REPAIR PRODUCT SPECIALLY DESIGNED FOR OUTDOOR USE THAT IS BASED ON ACRYLIC EMULSION TECHNOLOGY AND THAT CURES BY EVAPORATION INTO A DURABLE RUBBER THAT RETAINS ITS PLASTO- ELASTICITY.

APPLICATIONS

As a rainproof joint sealant, filler and repair product for sealing, filling and repairing joints, seams, splits, cracks, fissures and holes in outdoor areas exposed to precipitation. Particularly suited for exterior home use, but also excellent for indoor applications. Seal peripheral joints around sections, door and window frames, electrical outlets and penetrations. Seal connecting joints between/along interior and exterior walls, ceilings, slats, skirting boards, laths, stairs, boards, mouldings, sections, wood panelling, decorations, panels, window sills, overhangs, fascia, parapets and more. Fill and repair cracks, splits, seams, fissures and drill, nail and screw holes in façades, ceilings and interior and exterior walls. Seal connections between metal parts, such as in construction of air ducts, bodywork, trailers, ships and containers. Can be used on most surfaces, such as wood, plywood, insulation materials, hardboard, softboard, paint and lacquer systems, plasterwork, stucco, sprayed materials, masonry, aerated and non-aerated concrete, sand-lime brick, stone, plasterboard, metals and more.

PROPERTIES

Instantly rainproof, ideal for outdoor use in areas exposed to precipitation/rain. Durable, retains plasto-elasticity, maximum movement capacity of 12.5%. Excellent adhesion without primer on most surfaces – even moist, porous ones. Superb workability, versatile filling, sealing and repair with the same material. Excellently paintable after skin formation (approx. 10 min.) with synthetic and emulsion paints. Practically odourless curing, CE-certified acrylic emulsion grout and filler. Lasting resistance to discolouration, weather, frost (to -15°C) and ageing. Non-corrosive to metals. Very low emission: certified VOC emission class A+.

APPLICATION CONDITIONS

Application temperature (ambient and surface) between +5°C and +40°C. On stable, compatible, clean, uncontaminated, grease-free and dust-free surfaces; porous/absorbent/open surfaces do not need to be completely dry. 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. Use a brush to prime highly porous/absorbent surfaces – such as gypsum blocks, aerated and non-aerated concrete, sand-lime bricks, stone and masonry – evenly with 1 part MegaCryl Exterior and 2 parts water. Use water to apply a smooth and tight finish, before skin formation.

BELNED SEALANTS
ACRYLIC



PAINTABILITY

MegaCryl Exterior is superbly paintable with synthetic and emulsion paints. For best results, paint after fully cured, due to material contraction. Painting before full curing may result in cracks or splits in the paint in the future. Using highly filled emulsion paints may also result in cracks/splits in the paint.

CLEANING

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

LIMITATIONS & RECOMMENDATIONS

Not suitable for long-term and/or permanent water loads. Not suitable for PE, PP, PC, PTFE, PMMA, soft plastic, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals and/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. Frost-resistant to -15°C during transport.

CERTIFICATIONS

EN 15651-1: F-EXT-INT 12.5 P
VOC-emissieklasse A+
EMICODE EC1 PLUS



TECHNICAL DATA MEGACRYL® Exterior

Technical product data

Base			ACRYLAAT EMULSION
Viscosity	mm	ISO 7390	<3
Density	g/ml		1,55
Skin formation time	min.	23°C/55%RV	10-15
Dry matter content	%		88
Permissible deformation	%		12,5
Tempurature resistance once fully cured	°C		-20 / +75
Mechanical values		2mm film	
Shore A hardheid		DIN 53505	17
Modulus at 100%	MPa	DIN 53504	0,35
Stretch at breaking point	%	DIN 53504	350
Product range	20 x 310 ml cartridge		
White	BN064890		
Grey	BN064891		
Teak	BN064892		
Black	BN064893		