

REFORAC MS 55

TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION & USES:

Reforac MS 55 is a high quality, professional and universal sealant and adhesive based on Polymer technology. After application the sealant cures with atmospheric moisture to form a durable rubber seal.

PROPERTIES:

- Durable, permanent, elastic.
- Universal bonding- sealing and assembling sealant, inside and outside for building and industry constructions.
- Paintable with water based paints, alkali resin paints can cause curing inhibition of the paint. Test in advance.
- No fouling on natural stone
- Fast curing.
- Free of isocyanates, solvents and silicone. Shrinkage – nil.
- Resistant to UV radiation, weather, water, moist and mould.
- Very good adhesion on several substrates even damp surfaces without the use of primer. Adhesion test is recommended.
- Neutral curing, almost odorless.
- Non-corrosive to metals.
- High mechanical resistance, strength and E-modulus.
- Absorb acoustical and mechanical vibrations.
- Non bubbling, sand-able, and grind-able, after complete curing through.

APPLICATION:

- Universal sealant for all connection joints, cracks, roughness in building and industry constructions on almost all substrates.
- Universal adhesive for the metal, synthetic, concrete, wood and carpenter industry such as: car, caravan, camper, trailer, marine, machinery, ventilation, steel, façade, glass, window-frame, furniture, interior, stand, unit, sandwich panels, road and bridge construction etc.
- Sealing single – and double glazing systems, especially burglary safe glass.
- Universal adhesive and sealant in combination with natural stone,
- Universal, durable mirror adhesive.
- Sealing and bonding in food area.
- Universal sealant for sanitary and wet cells.
- Universal sealant and adhesive for maintenance renovation, leakage, repair, construction, isolation, installation and assembly applications.

COLOURS AND PACKAGING:

Colour: White, Grey and Black – any color on demand if you send us ral numbers per 1200 pcs

Packaging: PE cartridges of 290ml and sausages of 600 ml

2. TECHNICAL DATA:

Slump	mm	ISO 7390	<2
Density	g/ml		1,55
Skin forming time	Min	23°C/55%RH	10
Max Movement Allowed	%	ISO 9040	25
Temperature resistance after curing	°C		-40 till + 100
Shrinkage		23°C/55%RH	Nil
Curing through (24hrs)	mm		2-3
Mechanical Properties 2 mm film		DIN 53505	
Hardness, Shore A		DIN 53504	55
Modulus, 100%	MPa	DIN 53504	1,45
Tensile strength	MPa	DIN 53504	1,95
Elongated at break	%	DIN 53504	250

SHELF LIFE:

In good closed original packing, stored on a cool and dry place, between +5°C and +25°C, until 12 months after production date. Frost resistance until -15°C during transport.

CLEANING:

Material	MEX
Hands	With hand cleaner and/or water and soap.

APPLICATION CONDITIONS:

Application temperature +5°C until 40°C.

Surfaces must be dry, clean and solid. In general MS 55 adheres perfectly without the use of a primer to various substrates, like glass, glazed surfaces, enamel, anodized aluminum, painted wood and several plastics. Porous surfaces if necessary to be pre-treated. Adhesion tests prior to the application are recommended.

PAINTABILITY:

Sealants should not be painted when used as an elastic sealant.

MS 55 is paintable with water based paints. We recommend an adhesion and compatibility test first. When MS 55 will be painted over (not necessary) we recommend sanding the sealant and junction surfaces by means of Scotch-Brite. For an optimal result we recommend to paint within a few days of application.

LIMITATIONS:

Not suitable for continuous under water applications. Among others not recommended for PE, PP, Teflon, wax, neoprene and bitumen surfaces, always carry out an adhesion test on the substrate before application. Not suitable for application in direct contact with the sealing of isolation glass or in direct contact with PVB foil of coat glass. Not suitable for vertical movement joints. Slight discolouration (lighter colours) can occur in certain circumstances.

Material Safety Data Sheet available on request.

SPECIALISTS IN COATINGS ADHESIVES SEALANTS AND TAPES

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