RUBBER SEAL

RUBBER-BASED COATING FOR WATERTIGHT SEALING, PROTECTING AND REPAIRING.



· Waterbased, solvent-free, VOC-free, non-toxic

PRODUCT DESCRIPTION

Rubber-based coating for watertight sealing, protecting and repairing. Superior universal quality, suitable for virtually all surfaces. Suitable internally and externally, from waterproofing bathrooms to gutter repair, from protecting garden wood to waterproofing connections. Use Rubber Seal Textile Tape in combination with Rubber Seal to bridge tears, cracks and seams, and to facilitate layer thickness build-up.

FIELD OF APPLICATION

Suitable for sealing, protecting and repairing virtually all materials, such as wood, concrete, stone, metal, zinc, bitumen, EPDM (test first), PVC, etc. Even good adhesion to PP/ PE. Suitable for indoor and outdoor applications, such as bathrooms, roofs, cellars, walls and gardens. For waterproofing shower basins, floor seams, gutters, pipe conduits, window frame and skylight joints, ground level items, etc. Also suitable as anti-slip underlayer, metal and wood protection (for example, garden poles) and coating.

PROPERTIES

· For sealing, protecting and repairing
· 100% waterproof
· Permanently elastic 750%
· Easy to apply (by cartridge gun)
· Bonds to almost all materials.
· Protection against corrosion and erosion
· All-weather and UV resistant
· Salt and chemical resistant
· Paintable (test first)
· Durable quality: durability of minimum 20 years (tested conform EN 1297)

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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CERTIFICATES & STANDARDS

Certificates	
CE	Products and systems for the protection and repair of concrete structures. Surface protection systems for concrete. (EN 1504-2)
CE	Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives. (EN 14891)
CE	Polymer modified bituminous thick coatings for waterproofing. (EN 15814)
UKCA	Products and systems for the protection and repair of concrete structures. Surface protection systems for concrete (EN 1504-2).
UKCA	Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives (EN 14891).
GEV-EMICODE EC 1 PLUS very low emission	EMICODE: Classification system (GEV) of emission properties for construction products in indoor areas. EC-1 Plus (Very low emission Plus)

Standards	
EN 1026	Windows and doors - Air permeability: completely airtight.
EN 1027	Windows and doors – Watertightness: completely watertight.
EN 12114	Thermal performance of buildings - Air permeability of building components and building elements: completely airtight
EN 1297	Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Method of artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water.
ETAG 022	Watertight covering kits for wet room floors and or walls.
LEED	(Leadership in Energy and Environmental Design): IEQ CREDIT 4.2: Low-emitting materials paints and coatings. Product type: waterproofing sealers.

PREPARATION

Working Conditions: Do not use in temperatures ≤ +5°C.
Preliminary Surface Treatment: Surfaces must be dry, clean and free of dust and grease. Sand them if necessary.
Tools: Cartridge gun, spatula

APPLICATION

Directions for use:
Apply coating with a cartridge gun and spread out within 10 to 15 minutes using a spatula or similar tool. After 30 to 60 minutes a surface skin forms, which can be loaded with (light) rainfall after 2 hours. Completely waterproof after 24 hours and is fully cured after 48 hours, depending on the layer thickness which is applied and ambient circumstances. Minimum layer thickness: 2 mm. Usage: 1.5-2.5 L/m2.
Advice: Minimum layer thickness: 2 mm.
Points of attention: Do not apply at temperatures below +5°C. May be charged with (rain) water after 12 hours. If a joint sealant is used in combination with Rubber Seal®, we strongly recommend to use a neutral silicone sealant, for example a Silicone Sealant Construction, to prevent discoloration of the sealant.

TECHNICAL SPECIFICATIONS

Chemical base:	Modified Bitumen
Chemicals resistance:	Very good
Colour:	Black
Drying/Curing time approx.*:	48 hours
Elasticity:	Very good
Elongation of rupture:	900 %
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	160 °C
Moisture resistance:	Very good
Solid matter approx.:	60 %
UV resistance:	Very good
Viscosity:	Gel

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

STORAGE CONDITIONS

Properly sealed packages should be stored in a dry, cool, frostproof location at temperatures between +5°C and +25°C. Shelf life: At least 18 months in unopened package. Opened packaging reduces the shelf life.

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