HBS-200® LIQUID RUBBER

UNIVERSAL, DURABLE, WATERPROOF, AIRTIGHT AND PROTECTIVE COATING.



PRODUCT DESCRIPTION

Universal, durable, waterproof, airtight and protective coating.

FIELD OF APPLICATION

Suitable for sealing and protecting a wide variety of materials, such as concrete, metal, stone, wood, bitumen, zinc, PVC, EPDM (test first), etc. For floors, partitions, walls, seams, joints, conduits and structural components. Excellent for both interior and exterior applications (bathrooms, cellars, balconies, roofs, etc.) including gutters, shower basins, conduit ducts, floor seams, expansion joints, window frame joints and ground level items. Also suitable as a waterproof layer under tiles in damp environments such as bathrooms, swimming pools, balconies, terraces, etc.

PROPERTIES

· Waterproof and airtight
· Very high level of permanent elasticity (900%)
· Excellent bonding to many substrates
· Durable quality: durability of minimum 20 years (tested according to EN 1297)
· Protects against corrosion and erosion
· Easy to apply
· All-weather and UV resistant
· Salt and chemical resistant
· Paintable
· Solvent-free
· VOC-free
· Non-toxic
· Water-based

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).

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.

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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PREPARATION

Working Conditions: To only be used at temperatures above +5°C.
Preliminary Surface Treatment: Surfaces must be dry, clean, and free of dust and grease. The use of a water based acrylic primer on porous or corroded/damaged surfaces can enhance the adherence of HBS-200® and can minimalize bladder formation.
Tools: Brush, roller or airless spray device.

APPLICATION

Coverage: Waterproofing: ± 2.7 l/m2 at a dry film thickness of 2mm. Airtight Construction: ± 1 l/m2 at a dry film thickness of 0.7mm
Directions for use:
Before use, stir manually until a homogenous colour is obtained. It is not recommended to use an electric mixer with a high rotational speed for stirring. Apply in multiple layers. Preferably, let the previous layer properly dry before applying the next layer. Drying time depends on relative humidity, temperature and surface. For seam, crack and tear-bridging applications, GRIFFON HBS-200® GeoTextile should be used. GRIFFON HBS-200® GeoTextile must be applied in still wet HBS-200® Liquid Rubber. Then immediately level off with a second layer of HBS-200® Liquid Rubber.
Stains/residue: Immediately remove wet residue with water, GRIFFON Wipes or GRIFFON Hand Cleaner. Dried residue can only be removed mechanically.
Points of attention: To only be used at temperatures above +5°C. After approximately 60 minutes a surface skin forms, which can be loaded with (light) rainfall after 4 hours. Completely waterproof after 24 hours. If a joint sealant is used in combination with HBS-200® Liquid Rubber / Rubber Tix, we strongly recommend to use a neutral silicone sealant, for example GRIFFON S-200, 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
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	100 °C
Moisture resistance:	Very good
Solid matter approx.:	60 %
UV resistance:	Very good
Viscosity:	Thick liquid

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

STORAGE CONDITIONS

Shelf life: At least 24 months after production.
Properly sealed packages should be stored in a dry, cool, frost-proof location at temperatures between +5°C and +25°C.
Limited shelf life after opening.

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