

Technical Data Sheet

CorroSeal Hi Flex

One-component, highly elastic, bitumen-free and flexible sealing membrane for waterproofing and concrete protection



Features and benefits

- one component
- water-free
- solvent-free
- bitumen-free
- applicable by brush or roller
- moisture cured
- fast setting
- fast skin formation
- highly elastic
- high crack-bridging capability
- absolutely waterproof
- applicable in almost all weather conditions
- suitable for foam insulation boards
- thixotropic

Description

CorroSeal High Flex is a one-component, thixotropic, hydro-active, modified special elastomer, forming a highly elastic and flexible lightweight membrane/coating for waterproofing and concrete protection.

CorroSeal High Flex is moisture-reactive and cures without bubbles. High temperatures and humidity lead to rapid skin formation and curing, making it applicable in almost all weather conditions.

Typical application areas

- CorroSeal High Flex is used for positive-side, below-ground waterproofing of exterior basement foundations, walls and exterior concrete slabs in accordance with DIN 18195
- horizontal and vertical areas
- intermediate sealing on soffits of concrete slabs, balconies and terraces, and foam insulation boards
- specifically suitable for joint sealing of waterproof concrete buildings and roofs



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Application

The surface must be mineral-based, dry or slightly damp, sound, absorbent and clean. Bond-inhibiting substances such as grease, oil and formwork oil, as well as all loose particles and dust, must be removed before application. Damaged areas such as cracks, holes or cavities must be repaired with CorroFix RM.

No mixing is required. Apply the product using a roller, trowel. A temperature between 10°C and 25°C is recommended.

The fresh coating must be protected from the sun and rain. For below-ground waterproofing, a consumption of 2.5–3.5 kg/m² is required. Additional material may be required depending on the situation.

In critical areas, we recommend using a fibreglass mesh to improve mechanical properties and thickness control. In the case of application on bituminous surfaces, coatings or membranes, discolouration may occur.



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TECHNICAL DATA	
DENSITY	APPROX. 1.55 G/CM ³
COLOUR	LIGHT GREY
CURING TIME BETWEEN TWO LAYERS	APPROX. 6 HOURS (23°C / 50% RH)
CURING TIME	APPROX. 21 HOURS (23°C / 50% RH)
RESISTANCE TO RAIN	2 HOURS
APPLICABLE	APPROX. 40 MINUTES AT 20°C
RECOMMENDED THICKNESS FOR CRACK-BRIDGING	> 2 MM
MAX. THICKNESS	8 MM
CRACK-BRIDGING CAPABILITY	> 380%
CONSUMPTION	APPROX. 1.5 KG PER MM THICKNESS
DELIVERY	2 × 7 KG BAGS IN ONE 14 KG BUCKET
STORAGE	6 MONTHS – STORE FROST-FREE AND DRY AT +5°C TO +25°C IN THE ORIGINAL PACKAGING

All technical data stated in this Technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. The information and, in particular, the recommendations relating to the application and end-use of CorrPRE's products, are given in good faith based on CorrPRE's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with CorrPRE's recommendations.

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Approved by: R. Giorgini