

# CorroSeal HIGH FLEX

One component highly elastic and flexible sealing membrane for waterproofing and concrete protection

## Technical Data Sheet

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### Product description

CorroSeal HIGH FLEX is a one component, thixotropic, hydro active, modified special elastomer, 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 humidities lead to fast skin building and curing, and makes it applicable in almost all weather conditions.

### Field of application

Typical application areas are :

- CorroSeal HIGH FLEX is used for positive side below ground waterproofing of exterior basements, foundations, walls, and exterior concrete slabs according DIN 18195.
- Horizontal and vertical areas.
- Intermediate sealing up on soffits of concrete slabs, balconies and terraces, foam insulation boards.
- Specifically suitable for joint sealing of waterproof concrete buildings, and roofs.

### Features and benefits

- One component
- Water-free
- Solvent-free
- Bitumen-free
- Applicable by brush, roller or spraying
- Moisture cured
- Fast setting
- Fast skin forming
- Highly elastic
- High crack bridging
- Absolutely waterproof
- Applicable in almost all weather conditions
- Suitable for foam insulation boards
- Thixotropic

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## Technical Data

<b>Density:</b>	appr. 1,55 g/cm <sup>3</sup>
<b>Colour</b>	light grey
<b>Curing between two layers</b>	appr. 6 hrs (23° C / 50% RH)
<b>Curing time</b>	appr. 21 hrs (23° C / 50% RH)
<b>Stable against rain</b>	2 hrs
<b>Applicable</b>	approx. 40 minutes at 20·°C
<b>Recommended thickness for crack bridging</b>	> 2mm
<b>Max. thickness</b>	8mm
<b>Crack bridging</b>	> 380%
<b>Consumption</b>	appr. 1,5 kg per mm thickness
<b>Delivery</b>	2 x 7 kg bags in one 14 kg bucket
<b>Storage</b>	6 months frost-free and dry +5 <sup>0</sup> -25 <sup>0</sup> C in original packing

## Application

The surface must be mineral, dry or lightly humid, sound, absorbent and clean. Bonding inhibiting agents such as grease, oil, formwork oil and all loose particles and dust must be removed before application. Damaged area like cracks, holes or cavities have to be repaired with CorroFix RM.

No mixing is required and apply the product by using a roller, trowel or spraying device. Temperature between 10 - 25° C is recommended.

The fresh coating must be protected from sun and rain. An application of 2 layers is recommended. For sub soil waterproofing a consumption of 2.5 - 3,5 kg/m<sup>2</sup> is required. More quantity may be required depending on the situation. In critical areas we recommend to use a fiberglass mesh to improve mechanical properties and thickness control. In case of application on bituminous surfaces, coatings or membranes a discolorization can be observed.

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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.