



H 71012

# Hydrobit Bitumendickbeschichtung HD 2

**Product** High flexible, crack-bridging, 2-component bitumen based heavy coating, solvent-free, bitumen-rubber-emulsion with special cement-synthetics-mixture for basement waterproofing and bonding of basement insulation boards  
Water resistant when fully dried.

- Cold applicable
- Polymer-modified for improved elasticity
- Immediately processable
- Rest quantities are further processable
- Odourless

**Intended use**

- Waterproofing against soil moisture
- Waterproofing against water and radon

**Standard** EN 15814:2011 +A2:2014

**Application** **Basement waterproofing**

Apply HYDROBIT PRIMER (Consumption app. 0,4 – 0,6 l/m<sup>2</sup>) as bonding course and let it dry. Take a finishing trowel and put a layer HYDROBIT BITUMENDICKBESCHICHTUNG HD 2 in necessary thickness (max. 6 mm) fully covered on the dry surface. Embed a raw glass fabric into the fresh coating (with min. 5 cm overlap). Apply a second layer in necessary thickness (max. 6 mm). The waterproofing has to be protected against damages during backfilling. The primer can be also a brushable mixture of the emulsion component of HYDROBIT BITUMENDICKBESCHICHTUNG HD2 and Water.

**Bonding of extruded polystyrene insulations boards (basement insulation)**

HYDROBIT BITUMENDICKBESCHICHTUNG HD2 has to be put in palm-sized points on the insulation boards. The insulation boards have to be applied on the basement slab in joint manner and pressed to the surface.

Moisten the tools during application to avoid lumps.

Application at a minimum surface temperature of +5°C.

Fresh applied coating can be damaged or rather washed off due to heavy rain.

Thickness	Load case	Application	Overall minimum film thickness (mm)
	Soil moisture	Two-ply with coarse fabric	5 mm
	against water	Two-ply with coarse fabric	6 mm

**Characteristics**

	Unit	Result
Watertightness	Klasse	W2A
Crack bridging ability	Klasse	CB2
Resistance to water		bestanden
Ductility at low temperatures		bestanden
Dimensional stability at higher temperatures		bestanden
Reaction to fire test	Klasse	E
Compressive strength	Klasse	C2A
Durability		bestanden

**Characteristics****Unit****Result**

Rainfast

Klasse

R2

Hazardous substances

Übereinstimmung mit DIN

15814

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

**Subject to alteration without notice.**

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

**Development, Production and Sales of our products according to ISO 9001.**