



H 71022

Hydrobit Bitumendickbeschichtung HD 1

Product	1-component bitumen-emulsion based heavy coating, solvent-free, polymer-modified 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/m²) as bonding course and let it dry. Take a spatula and put a 3mm thick layer HYDROBIT KALTSPACHTELMASSE HD 1 fully covered on the dry surface. Embed a raw glass fabric into the fresh coating (with min. 5 cm overlap). Apply a second layer of app. 3cm after full drying of the first layer. The waterproofing has to be protected against damages during backfilling. Bonding of extruded polystyrene insulations boards (basement insulation) HYDROBIT KALTSPACHTELMASSE HD 1 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	W1
Crack bridging ability	Klasse	CB2
Resistance to water		passed
Ductility at low temperatures		passed
Dimensional stability at higher temperatures		passed
Reaction to fire test	Klasse	E
Compressive strength	Klasse	C1
Durability		passed
Rainfast	Klasse	R3
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.