Product Data Sheet
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Sika® Cavity Drainage System
Sika® HD20 Membrane

Construction

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Underground waterproofing system

Product Description	The Sika® Cavity Drain System consists of moulded high-density polyethylene and polypropylene membranes and fixing/sealing materials used as a water diversion system in the refurbishment or new construction of domestic and commercial buildings.
	The Sika® HD20 Membrane is a high-density polyethylene, high capacity cavity drainage membrane.

Uses	■ High water flows ■ The deep stud profile is designed to resist blockages caused by lime deposits ■ Principally for use on floors

Characteristics / Advantages	■ Ideally suited by heavy duty use on floors ■ Impermeable to water, gas and vapour ■ Fast track installation ■ Can be over-screeded or bonded

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE 05/4260

Tests

Approvals / Testing	BBA Certified – Certificate No: 05/4260

Product Data

Appearance/Colours	■ Rolled studded membrane with 20 mm studs ■ Smooth black finish
Packaging	Roll Size: 2.00 mm (roll width) x 20.0 m long Unit weight: 0.95 kg/m^2

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Storage

Storage Conditions/Shelf-Life	Rolls should be stored under cover and protected against direct sunlight, rain water, snow and ice, etc.

Technical Data

Chemical Base	High Density Polyethylene (H.D.P.E) non-reinforced rolls
Thickness	Nominal 1.0 mm
Air Gap Volume	14 litres/m^2
Drainage Capacity	13 litres/m^2
Max Compressive Strength	150 kN/m²
Temperature Resistance	+125°C
Stud Height	20 mm
Unit Weight	0.95 kg/m^2
Compressive Strength	240 KN/m^2

Application Instructions

Application Method	■ Suitable for installing onto all types of concrete/stone/masonry floor slabs capable of withstanding anticipated floor loadings. ■ Sika® HD20 should be rolled out stud down and trimmed to the perimeter walls and overlapped onto the adjacent strip by two stud overlaps sealed with a line of Sika® CD butyl rope. Refer to full installation guidelines available from our Technical Department.

Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.