BUILDING TRUST

PRODUCT DATA SHEET

Sikaplan®-1651 Loose VOC Gas Barrier

A LOOSE LAID, MULTI-LAYER, POLYETHYLENE MEMBRANE FOR GROUND LEVEL WATERPROOFING AND GAS PROTECTION

PRODUCT DESCRIPTION

Sikaplan®-1651 Loose VOC Gas Barrier is specifically designed, manufactured, tested and certified to perform as a methane, carbon dioxide, radon, ground gas, VOC, air and moisture and hydrocarbon protection system.

USES

- Suitable for use as ground gas, hydrocarbon protection and waterproofing at ground level or below ground installations.

CHARACTERISTICS / ADVANTAGES

- Quick and easy installation.
- Can be a fully welded system.
- High resistance to ground gases.
- Exceptional chemical resistance.
- Manufactured to meet the most up-to-date British Standards and guidance.
- Long term durability (performance guarantees for the lifetime of the building).

APPROVALS / STANDARDS

CE Mark - EN13967:2012
NHBC Standards Compliant
CIRIA C748 Compliant (VOC barrier)
BS 8485:2015 Compliant (Methane and carbon dioxide barrier)
BBA Certified

PRODUCT INFORMATION

Packaging	2m x 50m roll Internal Corner & External Corner - 495mm x 495mm - 10 pc/box		
Shelf Life	Indefinite		
Storage Conditions	Must be stored horizontally, indoors in original packaging.		
Overall Thickness	Thickness	0.5 mm	(EN 1849-2)
	Width	2 m	
	Length	50 m	
	Weight	500 G/M²	

TECHNICAL INFORMATION

Tensile Strength	MD	> 550 N/50mm	(EN 12311-1)
	CMD	> 400 N/50mm	
Resistance to Static Puncture	≥ 2.0 kN		(EN 12236)
Resistance to Impact	650mm		(EN 12691-B)

Resistance to Static Load	≥ 20 Kg	(EN 12730-B)

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