



Toughsheet[™]
Building Products

Product Specification

Toughsheet MAX 900 DPC

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Applications

Toughsheet MAX DPC" will provide an effective barrier against water ingress on building projects, including block and beam, brick and stone and light weight steel frame constructions. It can also be used as cavity tray in both solid and cavity walls. It is also an effective barrier against Radon gas when used in conjunction with our gas membrane, and laid in accordance with the code of practice BS8000-3. This product can be used for both horizontal and vertical applications when used in between a mortar base. Damage to the surface needs to be avoided. It would be good practice to prepare the DPC prior to use by allowing the sheet to be warmed up past -5°C, this allows the sheet to be flexible, achieve the desired performance and to adhere to the mortar and taped joints.



Best Building Practice– BS8000–3 2001:

It is recommended to conform to UK building regulations, UK code of practice and Euro 1969-1 2005.

It is advised to lay in one continuous piece to avoid the need for joints, if this is not possible then it must be sealed with a recommended jointing/bitumen tape and with a 150mm overlap.

Part of the Toughsheet Building Products range- BSEN 14909-2012 The DPC must cover the entire width of the block. Sandwich between layers of mortar and remove all debris from surfaces to avoid damage.



Weep vent to allow the transit of water, to expel onto outer wall, to maintain a dry cavity (picture for illustration purposes only).

Test Results

Test Characteristics	Method	Result
	Test Report – T964716	
Water Tightness (60 KPA)	BSEN 1928	PASS
Durability Alkali (28 Days)	BSEN 1928	PASS
Durability Heat Ages (84 Days)	BSEN 1928	PASS
Impact Test	BSEN 12691	250mm MLV
Foldable Test (45 Degrees Celcius)	BSEN 495-5	PASS
Tensile Strength (Both Directions)	BSEN 12311	250 N M2v
Nail Test (Both Directions)	BSEN 12310	250 MLV
Length (20 Mts) and width (100-1000mm)	BSEN 1848-1	-0 + 5%
Thickness (0.9mm)	BSEN 1849-2	-10 + 10%
Flexural Strength (Lucideon)	DD 86-1	PASS
Shear Strength (Lucideon)	BSEN 1052-4 Pre-Compression 0.20 N/MM 0.6 N/MM 1.0 N/MM	0.34 MLV 0.49 MLV 0.59 MLV
Radon Gas Resistance (Report 124012)	ISO/TS 11665	54.1 ± 6.4MS/N

Independent Accreditation

BBA Cert NO- 99/3603

ISO Cert NO- 2092 QM-001/9001:2015

Eurofins Cert No- 0809-CPR-23005020

All Toughsheet products should have a life span the same as the construction project when applying code of practice BS8000-3

Managing Director

Dougie Mercer

Signature



Date

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