



ShieldFELT ULTRASHield System

General

ULTRASHield membranes are all supplied with heat sensitive film on the reverse to accurately gauge the correct amount of heat applied to the underside for the best possible bond and bleed. The cap sheets are heavy duty, mineral faced to guard against solar degradation, whilst the underlays are manufactured to the same high quality to ensure the same “feel” whilst installing. All exposed membrane should have a mineral finish to protect from UV rays. ShieldFELT ULTRASHield is a BBA accredited waterproofing system.

Description

ULTRASHield POL SBS is a range of waterproofing membranes using a polymer-modified (SBS) bitumen binder, specially blended, on a polyester carrier. (See suffixes below).

Suffixes

25=2.5kgs/m² (for example)
M= Mineral finish
F= Film finish
S= Sanded finish

Warranty

Waterproofing warranty
— 25 years.

Features

- BBA Approved System
- Specially blended polymers to give maximum flexibility and stability
- High content modifiers to contend with broader temperature extremes
- Comprehensive guarantees available
- Developed & manufactured in the UK
- Extraordinary tensile strength and tear resistance

Method of application

Vapour barrier, fully bonded.
First layer and cap sheet Torch applied.

Storage

Store vertically, in a place protected from direct sunlight.

Disclaimer

The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details. Shield Membranes reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice.

Typical ULTRASHIELD Systems

3 layer system

Cap Sheet: ULTRASHield POL 55 M
Underlay: ULTRASHield POL 45 F/S
Vapour Barrier: ULTRASHield POL 25 F/S

Characteristics	POL25	POL45	POL55 M
Roll width (m)	1	1	1
Roll length (m)	16	8	8
Mass per unit area (kg/m ²)	2.5	4.5	5.5
Water tightness - one metre head	Pass	Pass	Pass
Tensile Strength (N per 50mm)			
Longitudinal direction	800	900	950
Transverse direction	500	700	800
Elongation (%)			
Longitudinal direction	40	40	50
Transverse direction	40	40	50
Low temperature flexibility (°C)	≤ - 14	≤ - 14	≤ - 14

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“You’re protected with Shield on your side”

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