



DUSEAL PS 250

(SELF - ADHESIVE MEMBRANE)



DESCRIPTION

DUSEAL PS 250 is a special SBS- modified self-adhesive protection membrane incorporating a surface reinforcement of tough, heavy-duty spun bond non-woven polyester mat. **DUSEAL PS 250** is specially designed for use as protection sheet over other membrane in a wide variety of applications. The bottom surface is covered with siliconized release paper or foil.

The **DUSEAL** range belongs to the Elastoseal group of membranes produced using a special grade of bitumen modified with virgin SBS polymer. The spun bond polyester is laminated on the self-adhesive compound with the bottom laminated with a release foil.

SPECIFIC FEATURES

- Ease of application over existing membranes
- Excellent bond to self-adhesive and torch on membranes with foil finish
- High tear strength and puncture resistance
- Conforms to difficult contours and shapes
- High dimensional stability
- Resistant to UV and to chemicals found in soil and ground water

SPECIFICATION COMPLIANCE

DUSEAL PS 250 membranes are tested to ASTM, UEAtc and other relevant international standards.

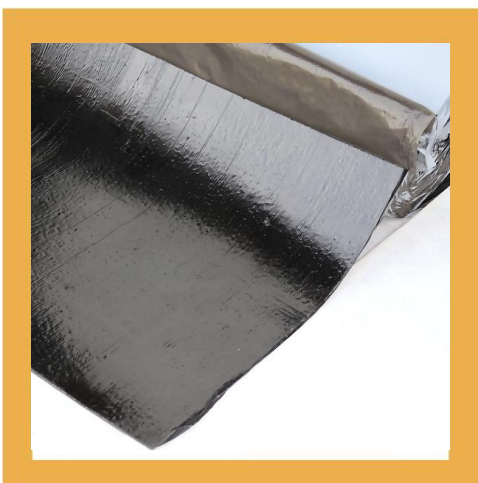
MAIN USES

DUSEAL PS 250 is designed for use as a protection sheet over waterproofing membranes (e.g. **DUSEAL FP**) where traditional protection boards prove difficult to install, such as:

- Foundations
- Manholes, pipes and the like
- Tunnels, trenches and ducts
- Any structure where shape conformity is important

QUALITY ASSURANCE AND WARRANTY

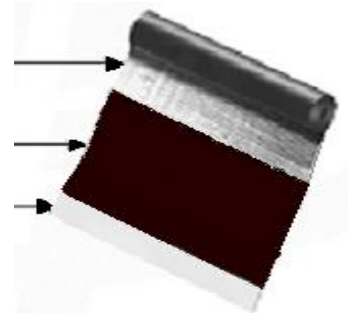
Duproof is an ISO 9001 Quality Assured Company and DUSEAL PS 250 membranes carry a 10-year material warranty against any manufacturing defects.



Tough Spun Polyester

SBS modified self-adhesive bitumen

Siliconized release foil / paper



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METHOD OF APPLICATION

The substrate to be protected should be clean, unroll the product to the relevant length and cut the piece to required dimension. Peel off the release film and carefully place over the membrane to be protected butt joining with additional pieces.

PACKING AND STORAGE

DUSEAL PS 250 membranes are supplied in rolls 1m x 15m and 1m x 10m; shrink wrapped on pallets. Keep rolls upright on pallets under shade. **DUSEAL PS 250** pallets should not be stacked one over the other.

HEALTH AND SAFETY

There are no direct health hazards associated with **DUSEAL** membranes. Normal precautions for hot and volatile substances should be observed during application. Refer to our MSDS sheets for advice.

TYPE AND FINISH

Thickness	mm	2.5	3.5
Nominal weight	Kg / m ²	2.6	3.6
Dimensions (length x width)	m	15 x 1	10 x 1
Top Surface		270 g/m ² Spun bond polyester	
Bottom Surface		Siliconized removable paper / foil	

TECHNICAL DATA

PROPERTY	UNIT	TEST METHOD	VALUE
COMPOUND PROPERTIES			
Softening point	[°C]	ASTM D 36	110
Flexibility at low temperature	[°C]	DIN 52123	≥ - 20
Heat resistance @ 90°C / 2 hrs	[°C]	UEAtc	No flow
Water absorption after 24 hrs.	[%]	ASTM D 570	< 0.15
Elongation (L/T) Compound	[%]	ASTM D412	>1000
MECHANICAL PROPERTIES			
Tensile strength (L/T)	[N/5 cm]	UEAtc	1050/850
Elongation (L/T)	[%]	DIN EN 12311-1	50/55
Tear Resistance (L/T)	N	ASTM D 5147	600/550
Puncture Resistance	N	ASTM E 154	> 1800
Adhesion to primed concrete	[N/mm]	ASTM D 1000	2.0
Hydrostatic water pressure	[5 bar]	BS EN 12390	> 50m
Environmental resistance	-	ASTM D 543	Conforms
UV resistance	-	ASTM G 154	Excellent
VOC	[g/l]	ASTM D 3960 / D2369	< 50

Tolerance based on testing standard.

Tolerances on nominal values shown are as per UEAtc directives for polymer modified bitumen membranes. These data are correct at the time of printing but may be changed without any prior notice subject to clients requirements availability of raw materials or other conditions. This data sheet supersedes all previous publications pertaining to this product. All reasonable care has been taken in preparing this document, which to the best of our knowledge is accurate and true. Recommendations and suggestions are made in good faith and should only be considered for general guidance. No liability is assumed or taken by us in relation to the application, as usage conditions and any labour involved are beyond our control.