

# SBS Modified Bitumen Membrane



## WD PE Smooth



### Description:

Weidun®WD001 Smooth Membrane is a tough, Resilient modified bitumen membrane manufactured to Weidun specifications. Its core is a strong, polyester that is coated with flexible SBS polymer-modified bitumen.

### Uses:

Weidun®WD001 Smooth Membrane is designed for new roofing and re-cover applications as well as in the construction of flashings. Weidun®WD001 Smooth Membrane is an ideal roofing membrane in Weidun modified bitumen systems.

### Advantages:

- Durability - The membrane combines the strength of polyester reinforcement with the elongation characteristics of SBS modified bitumen.
- Product warranties and system guarantees are available. Contact your sales representative for detailed information.
- Lighter weight - The membrane weighs less than 4kgs per square meter.

### Product Application:



[wd-waterproofing.com](http://wd-waterproofing.com)

### Storage and Handling:

To prevent damage, support rolls on end in an upright position and store in a clean, dry location, covering as necessary to protect from environment damage. Monitor environmental conditions during storage, handling, and application.



### Product Specifications:

Roll Size*	10.0m <sup>2</sup>
Roll Length	10.0m
Roll Width	1.0m
Roll Thickness	3.0mm; 4.0mm
Rolls per Pallet	30
Full Pallet Weight	1.3 ton, 1.5ton
Top side Surfacing	PE Film
Bottom Side Surfacing	PE Film

Note: Actual membrane dimensions are customizable, please contact your sales representative for support.

### Technical Data Sheet:

Property	Standard Minimum Value	Weidun Value
Thickness min, mils(mm)	>4.0	4.13
Length min, meter(m)	>9.98	10.08
Bottom coating thickness, heat-welding application products, min. mils(mm)	1	1.1
Soluble content, (g/m <sup>2</sup> )	>2900	3194
Tensile strength at 23°C +/- (N/50mm)	>500	975
"Elongation at break at 23°C +/-2°C, (%)"	>30	48
Tear strength at 23°C +/-2°C (N/50mm)	156	333
Low-temperature flexibility, max, °C	-18	-20
Quality loss after heating conditioning, (%)	<1	0.2
Water penetration (Maintain a water pressure of 0.3Mpa for 30 minutes)	Non-penetration	Non-penetration
Dimensional stability max (%)	0.5	0.03
Compound stability at 102°C	No Failure	No Failure

WEIDUN® Protect Every Property