

Technical Information Sheet

Description

Shuangshi EPDM facade membrane is a cured(vulcanized) rubber sheet with both sides textured or only one side, they are widely used in mutual situations, such as window sealing, curtain wall and facade vapor barrier, providing long-term waterproofing performance in diverse climates..

Product Preparation

1. The surface must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the membrane.
2. The facade sealing systems with shuangshi EPDM membrane must be installed by experienced personnel and approved installers.

Product Packaging		
Membrane Thickness Weight	Widths	Length
0.5mm	Ranges from 0.1m to 1.4m	20m
0.75mm	Ranges from 0.1m to 1.4m	20m
0.80mm	Ranges from 0.1m to 1.4m	20m
1.0mm	Ranges from 0.1m to 1.4m	20m

Storage

Store away from sources of punctures and physical damage.

Assure that structural decking will support the loads incurred by material when stored on rooftop. The deck load limitations should be specified by the project designer.

Store away from ignition sources as membrane will burn when exposed to open flame.

Typical Properties

Physical properties	Test method	Declared value
Elongation	EN 12311-2	$\geq 300 \%$
Water vapor permeability	EN 1931	30,000
Tear resistance	EN 12310-2	$\geq 10 \text{ N}$
Tensile strength	EN 12311-2	$\geq 8 \text{ MPa}$
Fire resistance	EN 13501-1	E
Watertightness (2 kPa)	EN 1928	Pass
Durability (2 kPa)	EN 1296/ EN 1928	Pass
Durability against ageing	EN 1296/ EN 1931	Pass