

SAM-930N

Normal Self Adhesive Polymer Modified Bitumen Waterproof Membrane With Polyester Fiber

Description

SAM-930N is a modified bitumen based composite sheet membrane. It consists of polymer modified asphalt added viscosifier and covering with different upper surface materials and underside with silicone antisticking layer.

According to different upper surface, it has three types:

- PE film surfacing (SAM-930NPE)
- Sand surfacing (SAM-930NS) and
- Antisticking surfacing (SAM-930NN).

There are different types of thickness: 2.0 mm, 3.0 mm and 4.0 mm.



Where to use

- Roofs
- Sub-structures
- Outer walls of swimming pools, reservoirs;
- Subways or tunnels;

Advantages

- Self adhesive, and environment-friendly
- Good tensile strength and elongation;
- Strong adaptability for shrinkage movemets, minor deformation and cracks;
- Permanently resists hydrostatic water pressure;
- Penetration-resisting and corrosion-resisting;
- Excellent flexibility also at low temperatures;
- Strong self healing ability for penetration and cracks.
- Flameless and safer application

Application System

SAM 930 N adhesive waterproof system includes:

- Membrane
- Waterproof underlayment
- Protection layer

Yuhong also provide a complete line of compatible accessories and components, including primers, pipe clamps, terminal battens and screws.

Membrane Application

Surface Preparation

Surfaces should be dry, clean, smooth and free from any dusts, oil or loose particles. Cracks and uneven parts need to be filled by polymer modified mortar.

Priming

Before applying membrane, all the substrate should be primed by using Adsorbent Universal Primer.

prior to curing the primer, SAM-930N material is applied according to application instructions.

Sealing and fixing on vertical surfaces

On vertical surfaces, fix the membrane with metal battens and seal with sealants.

Application of protection layer

SAM membranes should be protected with suitable protection materials. Please consult with your local applicator.

Standards

GB 23441-2009

Technical Data

Test Item		Requirement	
Soluble matter content, g/m ² ≥	2 mm	1300	
	3 mm	2100	
	4 mm	2900	
Tensile property	Tensile strength, N/50mm ≥	2 mm	350
		3 mm	450
		4 mm	450
	Elongation at the maximum tensile force, % ≥	30	
Resistance to heat °C		70, No sliding, flowing, dripping	
Flexibility at low temperature, °C		-20 No cracking	
Water tightness		Pass at 0.3 MPa, 120 min	
Sheering properties N/50mm	Between membranes ≥	1.0	
	Between membrane and aluminum plate ≥	1.5	
Shank watertight		Pass	
Immersed in oil, pieces ≤		2	
Holding Power/ min ≥		15	
Thermal ageing	Elongation at the maximum tensile force, %	30	
	Flexibility at low temperature, °C	-18	
		No cracking	
	Sheering properties between membrane and aluminum plate, N/mm	1.5	
Dimension stability, % ≤		1.5	
Self-adhesive bitumen re-peel strength, N/mm ≥		1.5	

Product Specification : SAM-930N material is packed in rolls with plastic bags or cartons.

Thickness	Roll Size	Rolls / Pallet	Pallets / 20' Container
2.0 mm	15 m ²	25	20
3.0 mm	15 m ²	23	20
4.0 mm	10 m ²	23	20

Storage and Transportation

SAM-930N material should be stocked in well-ventilated place.

Avoid being exposed directly to the sun.

The temperature in stored places can not be higher than 45° C.

During storage and transportation, SAM-930N material should be stocked vertically as single level.

Safety Instructions

FOR PROFESSIONAL USE ONLY

There is no legal requirement for material safety for SAM 930.

For additional information, please see MSDS of SAM 930 N and contact with manufacturer.

Notice; At jobsite and working , always;

- Use gloves and suitable working cloths
- Wear safety shoes
- Wear safety goggles
- Use safety helmet
- Avoid contact with eyes and skin
- KEEP OUT OF CHILDREN

CE ISO 9001-2008 ISO 14001:2004 OHSAS 18001:2007 ISO 17025:2005