

k-SPVC

PVC Water Proofing Membrane

Description:

PVC membrane or Polyvinyl Chloride Waterproof Membrane is a kind of polymer waterproof membrane with fine waterproofing performance which made from PVC resins, some additives and ageing-resistance component, produced by advanced equipments and workmanship. This is a common roofing material that is made from polyvinylchloride. It is primarily used to waterproof roofs. This type of waterproofing material is going to feature a reinforcing base. The base is normally made of glass fiber or polyester mesh. While it is mainly used for roofs, it's also commonly used for tunnels, swimming pools, and underground structures.

Product Feature:

- Strong tensile strength, high elongation, good dimensional stability after heat treatment. Excellent flexibility at low temperature, excellent resistance to the low and high temperature.
- Excellent resistance to chemical etching.
- Fireproof: the membrane extinguish immediately after away from the fire source.
- Easy and fast construction without pollution.
- Excellent resistance to the aging, long service life. Service life: more than 20 years as roof waterproof material, more than 50years if used in underground waterproof .
- Repair project: Repair the damage place only and reduce the repair cost.
- Various colors are available.

Uses:

It is mainly used for waterproofing and roofing, terraces, roofslab, balcony, swimming pool, basement insulation, it's also commonly used for tunnels, swimming pools, and foundations of buildings and underground structures.

Properties:

Product name	PVC waterproofing membrane		
Brand	SINOMACO		
Thickness	1.0mm, 1.2mm, 1.5mm, 2.0mm		
Width	1.05m, 2.05m, 2.0m		
Length	20m or customized		
Type	H-plain PVC	L-PVC with fabric	P-PVC with reinforced mesh

No.	Item		H	L	P	G	GL
1	The thickness of resin on reinforcement (mm) ?		--		0.4		
2	Tensile strength	MaxTension strength (N/cm) ?	-	120	250	-	120
		Tensile strength (Mpa) ?	10.0	-	-	10.0	-
		Elongation at Max. tension (%)?	-	-	15	-	-
		Elongation at break (%) ?	200	150	-	200	100
3	Dimensional stability after heat treatment (%)?		2.0	1.0	0.5	0.1	0.1
4	Foldability at low temperature		-25? No cracks				
5	Watertightness		0.3Mpa, 2H, impermeable				

Instruction to Use:

Surface preparation

Surfaces should be free from cavities and projecting nibs. All surfaces shall be free from running water. Refer to the method statement for further details.

Application

The membrane layers are overlapped to achieve a minimum weld of 50mm. Hot air welding can be either hand applied or by means of automatic machines.

Storage:

PVC Membrane must be stored in a cool, dry store away from sources of heat in the original unopened packaging. Store rolls horizontally, not more than one pallet high.

Precautions

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Health and safety

There are no known hazards associated with Kenal PVC Membrane in normal use. For further information, please consult

Material Safety Data Sheets for the above product