

TOP PRUFE PLUS 1200

Pre-applied, Self-adhered HDPE Sheet for Basement Structure Waterproofing

FIRST IMAGE

Color	Width	Length	Thickness	Coverage	Roll weight
White	1.0m/2.0m	20m	1.2mm	17.52m ² /38.16m ²	24kg/48kg

PRODUCT

TOP PRUFE PLUS 1200 is a multilayer compound waterproof membrane composed of strong high density polyethylene (HDPE) sheet, premium quality pressure sensitive adhesives, and silicon-oiled released film, the specially developed adhesive layer can keep continuous bond to post-poured concrete for basement structure waterproofing.

CHARACTERISTICS

- ◆ Excellent tensile strength, tear strength and elongation performance, and the fully new bonding techniques can keep continuous bond to post-poured concrete;
- ◆ Excellent anti impact and anti-puncture performance, not need additional protection layer, reinforced Concrete poured directly;
- ◆ Excellent chemical resistance to alkaline water from concrete slurry, not affected by the living garbage, biological invasion, mildew, corrosion resistance;
- ◆ Without screed-coat, less requirements for substrate, application will not affected by weather and damp Surface, and hold significant application advantages during rainy season or catch the deadline.
- ◆ Cold-application with pressure sensitive adhesives, eco-friendly, and not need cement-mortar protective layer, save time & cost;

PACKAGE, SHELF-LIFE & STORAGE

- ◆ Supplied in 20 m² /40m² rolls packed by plastic film or non-woven bag;
- ◆ Store roll horizontal position, 6 months storage time from prevent damage;
- ◆ Store rolls in a clean dry location, not exceed 45°C, avoid sun-baked and rain, and covered as necessary to protect from environmental damage, heat, cold or moisture etc...



TECHNICAL PARAMETER

TOP PRUFE PLUS 1200			GB/T23457-2009	
No.	Item		Unit	Specification
1	Thickness			1.2mm
2	Tensile Strength \geq		N/5cm \geq	450
3	Breaking Elongation \geq		% \geq	500
4	Tear strength (nail shank)		N \geq	350
5	Dimensional Stability \leq		% \leq	1
6	Cold flexibility		--	-25°C No cracks
7	Peel Adhesion to Concrete		N/mm \geq	2
8	Puncture Resistance		N \geq	700
9	Impermeability		--	0.6Mpa, no impermeable
10	Static load		--	20kg, no leakage
11	Aging in Hot Weather (70°C, 168h)	Tensile Strength Retention Rate	%	± 10
		Elongation Retention rate	%	
		Cold flexibility	--	-23°C No cracks
12	Chemical Erosion Resistance	Tensile Strength Retention Rate	%	± 10
		Elongation Retention rate	%	
		Cold flexibility	--	-23°C No cracks
<p>※ We reserve the right to amend or change specifications as and when required. We will be pleased to advise current specifications upon request. Other technical characteristics are available upon request.</p>				