

Product Description

SKYPLAST® PVC Geomembranes are prepared with raw material, dyestuff and auxiliary additives during production. These are insulation membranes that are formed by preparing them with PVC (Polyvinyl chloride) resin, filling material, dyestuff, stabilizers and by being homogeneously shaped by means of a calender system after the necessary processes in extruders.

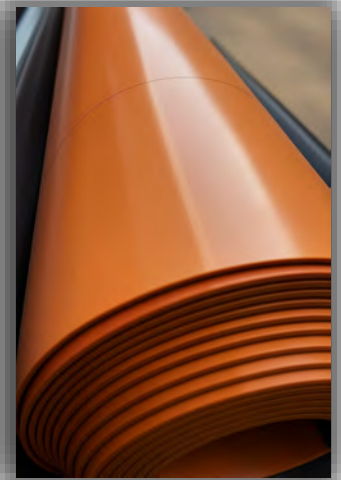
SKYPLAST® HP20 (OB)

This geomembrane type features a thin, light-colored signal layer on one surface to make damage detection easier during installation or use. When the membrane is damaged by impact or wear, the light-colored layer peels off and the dark base layer becomes visible. This contrast allows for quick and simple visual inspection without special testing. SKYPLAST® Signal Layer membranes ensure fast detection and repair of damages, maintaining long-term waterproofing performance — ideal for tunnel, foundation, and underground structure applications.

*Roll sizes are standard values. Different sized production upon the request of the customer is available.

*The above values are valid for Standard SKYPLAST® PVC Geomembrane. Production with different mechanical and chemical properties is available upon customer's request.

**Please contact INTERFLEX® for more information.



Areas of Use

- Basement Insulation
- Terraces (Trafficable and Non-Trafficable)
- Roofs
- Underpasses
- Tunnels
- Water Tanks
- Treatment Plants
- Sewerage Facilities
- Subways
- Groundwork Application
- Pools
- Underground Car Parks



PHYSICAL SPECIFICATIONS

Test Method	Unit	Value	Tolerance
Raw Material		Polyvinyl Chloride (PVC)	
Thickness	EN 1849-2	mm	2,00
Mass per Unit Area	EN 1849-2	gr/m2	2660

MECHANICAL SPECIFICATIONS

Tensile Strength	EN ISO 527	N/mm2	15
Elongation at Break	EN ISO 527	%	250
Static Puncture Strength	EN ISO 12236	N	2000
Tearing Strength	ISO 34-1	N/mm	100
Shear Strength	EN 12317-2	N/5cm	800
Peel Strength	EN 12316-2	N/5cm	560

HYDRAULIC SPECIFICATIONS

Water Permeability	EN 14150	m /m .day	<10	+10%
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DURABILITY AND CHEMICAL

Outdoor Resistance	EN 12224	%	<10	+10%
Oxidation Resistance	EN 14575	%	< 25	
Fire Test	EN ISO11925-2	-	Class E	
Artificial Aging by Prolonged Exposure to a Combination of UV Radiation, High Temperature, and	EN 1297	%	<1	

PACKING SPECIFICATION

Type			2,00
Area		m*m=m2	2,10 * 25= 52,5
Weight		kg/roll	143

