



ISOSTUD

STRUCTURE: ISOSTUD is a high density polyethylene (HDPE) studded membrane. It is ideal for dampproofing and drainage in basements and underground walls. It creates an air gap between soil and wall and hinders moisture penetration.



PROPERTIES

Raw material	HDPE
Color	BLACK

PHYSICAL/ MECHANICAL CHARACTERISTICS

Dimple height	ASTM D 6364	mm	7.5	in	0.295	±10%
Compressive strength	ASTM D 1621	kN/m ²	285	psf	6000	±20%
Thermal resistance	ASTM C 518			hr ft ² °F/Btu	0.68	
Water vapor permeability	ASTM E 96	ng/Pa*s*m ²	3	US perms	0.05	
Watertightness (1250 psf/day)			Pass			
Working temperature		°C	-30/+80	°F	-22/+176	
Chemical properties	Excellent chemical resistance, not pollutant, not toxic					

DIMENSIONAL CHARACTERISTICS

STANDARD DIMENSIONS

Roll width	FLAT TAB	m	1.83	ft	6	±1%
Roll width	FLAT TAB	m	2.44	ft	8	±1%
Roll width	FLAT TAB	m	3	ft	9.8	±1%
Flat tab		cm	5	in	2	
Roll length		m	20	ft	65.6	±3%
Rolls/pallet (40"x48" pallet)		#	12			

Other sizes may be available upon request.

CLASSIFICATION

ICC ES: ESR 3457 Dampproofing

CCMC: 13634-R Drainage, 13635-R Dampproofing

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