



PRODUCT SPECIFICATION SHEET
Therma-Crete Standard White Concrete Insulation Foam Blanket
 CLOSED CELL POLYETHYLENE FOAM (10 mm)

NORM	UNIT	TECHNICAL PROPERTIES	LW	HW
EN ISO 845	Kg/m ³	DENSITY	LW	HW
EN ISO 1798	N/mm ²	TENSILE STRENGTH - Extrusion direction - Cross direction	0.32 0.17	0.35 0.25
EN ISO 1798	%	ELONGATION AT BREAK - Extrusion direction - Cross direction	125 90	140 120
EN ISO 3386/1	N/mm ²	COMPRESSIVE STRESS 1st impression - 25 % impression - 50 % impression - 70 % impression 4th impression - 25 % impression - 50 % impression - 70 % impression	0.02 0.07 0.20 0.01 0.07 0.19	0.04 0.10 0.26 0.02 0.01 0.24
NBN B62-201 DIN 52612	W/mK	THERMAL CONDUCTIVITY - at 10°C	0.058	0.047
	°C	TEMPERATURE RESISTANCE	- 40/+ 70	- 40/+ 70
DIN 53428	Vol. %	WATER ABSORPTION 20°C/24 h capillary absorption - after 24h - after 7 days	<2 <4	<1.5 <3
DIN 53429	g/m ² /24h	WATER VAPOUR PERMEABILITY 23°C 85 % RM 1 mm 2 mm 2.5 mm 3 mm 5 mm	14.5 7.2 5.8 5.0 2.9	6.5 3.2 2.6 2.3 1.3
	μ	WATER VAPOUR RESISTIVITY	2720	5913
DIN 4102		FIRE RETARDANT	B2 on demand	
		RESISTANT AGAINST: - Aging - Chemical products	yes yes	