

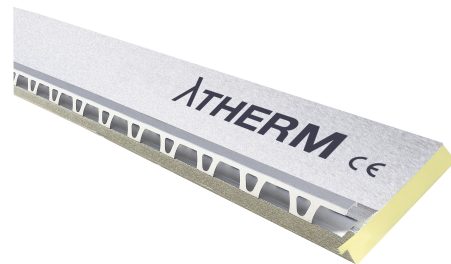
# EscandellaTherm Data Sheet

Marketed by: Cerámica La Escandella S.A.  
Place: Agost (Alicante) - Spain  
Trade Name: EscandellaTherm

Dimensions:  
A = 3.940 mm / **1155.1"**  
B = 370 o 395 mm / **14.6 or 15.58 "**  
C = 60 - 160 mm / **2.4-6.3 "**

Weight /m2: 4,20 - 8,10 kg

Material: Polyurethane rigid foam (PU)



STATED FEATURES	U.M.	VALUE
Density	Kg/m <sup>3</sup>	39
Thermal conductivity coefficient $\lambda$	W/mk	0,020
Stated thermal conductivity coefficient $\lambda_D$ Conductivity after ageing after 25 years of operation	W/mk	0,022
Thermal conductivity U	W/m <sup>2</sup> k	0,37 for thickness = 2.4 "
		0,27 for thickness = 3.1 "
		0,22 for thickness = 4.7 "
		0,18 for thickness = 5.5 "
		0,16 for thickness = 5.5 "
		0,14 for thickness = 2.4 "
Declared thermal resistance R <sub>D</sub> Conductivity after ageing after 25 years of operation	m <sup>2</sup> k/W	2,7 for thickness = 2.4 "
		3,6 for thickness = 3.1 "
		4,5 for thickness = 3.9 "
		5,4 for thickness = 4.7 "
		6,3 for thickness = 5.5 "
		7,2 for thickness = 6.3 "
Thermal stability	°C	-50 / + 100
Dimensional stability	type	8
Compressive strength at 10% deformation	kpa	130
Resistance to water vapour diffusion MU	$\mu$	2.000.000
Long-term water absorption	%	0,7
Emission of hazardous substances		Meet
Fire reaction	type	F
Sound insulation power	dB	22