

**DECLARATION OF
PERFORMANCE
No ES-201**



RAVAGO KATERINI SA

Ecostir xps

1. Unique identification code of the product-type:											
a) XPS-EN13164-T1-CS(10/Y)200-DS(TH)											
2. Type:											
a) Ecostir 30mm-100mm shape											
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:											
EN 13164:2012+A1:2015 - Thermal insulation for Buildings (ThIB)											
4. Name and contact address of the manufacturer:											
Ravago Katerini SA Sevasti-Pieria-Greece 60100											
5. System or systems of assessment and verification of constancy of performance of the construction product: AVCP - System 3											
6. Name and identification number of notified body: P.C.T.C. (No 1434)											
7. Declared performance - Essential characteristics EN 13164:2012+A1:2015											
		Standard EN		Symbol						Performance	
Dimensional tolerances		EN 823		T						1	
Compressive strength		EN 826		CS(10Y) [kPa]						a)200	
Tensile strength		EN 1607		TR [kPa]						NPD	
Reaction to fire		EN 13501-1		Euroclass						E	
Water permeability		Long term water absorption by total immersion		EN 12087		WL(T) [vol%]				NPD	
		Long term water absorption by diffusion		EN 12088		WD(V) [vol%]				NPD	
Water vapor transmission		Water vapor diffusion resistance factor		EN 12086		MU				NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation		The reaction to fire performance of XPS does not change with time									
Thermal resistance and thermal conductivity		see below R ₀ and λ ₀									
Durability of thermal resistance against heat, weathering, ageing/degradation		Dimensional stability under specified temperature and humidity conditions		EN 1604		DS				(70,90) (≤5%)	
Thickness-d_n [mm]				30	40	50	60	70	80	100	
Thermal resistance-R₀ [(m²·K)/W]		EN 12667	0,90	1,20	1,50	1,75	2,05	2,35	2,95		
Thermal conductivity-λ₀ [W/(m·K)]		EN 12667	0,034								

The performance of the product identified above is in accordance with the performance stated. This statement of performance shall be made in accordance with Regulation (EU) No. 305/2011, with the sole responsibility of the manufacturer identified above.

Name **Apostolos Giannoulis**
Function **Production Manager**
Place **Sevasti-Greece**
Date **01/08/2020**

Signature