



DECLARATION OF PERFORMANCE
No ES-201



RAVAGO HELLAS S.M.S.A.

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 Hellas S.M.S.A Neratziotissis 101, Marousi, 15124										
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: GSH (No 0919) and P.C.B.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 **01/01/2022**

Signature