

DECLARATION OF PERFORMANCE
 No. **EABAPI**

- Unique identification code of the product-type:
Euroaislante Bituminoso Alu 2U.
- Intended use:
Thermal insulation for buildings (in warm flat roofs under membrane waterproofing systems).
- Manufacturer:
Europerfil, S.A.
Av. de la Granvía, 179. L'Hospitalet del Llobregat. 08035. Barcelona. Spain.
- System of assessment and verification of constancy of performance (AVCP):
System 3.
- Harmonised standard:
EN 13165:2012
Notified body:
Fundación Tecnalia R & I (number 1292).
- Declared performance:

Essential characteristics:	Performance:
Reaction to fire (Euroclasses)	B-s2,d0 for thk. ≤ 80 mm
	B-s3,d0 for thk. > 80 mm
Water absorption	WL(T)2
Emission of VOCs	A+
Thermal resistance	R _{D 40 mm} = 1.45 m ² *K/W
	R _{D 50 mm} = 1.85 m ² *K/W
	R _{D 60 mm} = 2.20 m ² *K/W
	R _{D 70 mm} = --- ⁽¹⁾
	R _{D 80 mm} = 3.05 m ² *K/W
	R _{D 100 mm} = 3.85 m ² *K/W
Thermal conductivity	λ _{D≤70 mm} = 0.027 W/m*K
	λ _{D>70 mm} = 0.026 W/m*K
Thickness	T2
Water vapour permeability	Z62
Compressive strength	CS(10/Y)120
Tensile strength	TR100
Dimensional stability under specified temperature and humidity conditions	DS (70,90)3 ; DS (-20,-)2 for thk.< 80 mm
	DS (70,90)4 ; DS (-20,-)2 for thk.≥ 80 mm

⁽¹⁾ Not authorized thickness.

- Technical documentation:

Test report:	Purpose of report:	Date of report:
12_03597-2 M2	Classification from reaction to fire test.	16/11/2012
13_00273-5	Determination of long term water absorption by immersion.	27/05/2013
13_00276-1/2	Determination of the emission of VOCs.	19/03/2013
12_02513	Determination of thermal resistance by heat flow meter method (ITT and normality test).	22/04/2013
13_00273-5	Determination of water vapour transmission properties.	27/05/2013
12_04312	Determination of compression behaviour.	03/12/2012
13_01189-1	Determination of tensile strength perpendicular to faces.	27/05/2013
12_04312	Determination of dimensional stability under specified compressive load and temperature conditions.	03/12/2012

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and of behalf of the manufacturer by:
 Alicia Vives Carpa (General Manager)
 At L'Hospitalet del Llobregat (Barcelona) on 23th of January 2023

