

NATIONAL DECLARATION OF PERFORMANCE Nr. 001/2021

1.: Name and trade name of the construction product:

Aluminium Composite Panels ETALBOND A2

2. Determination of the type of construction product⁽¹⁾:

Etalbond A2

3. Intended use or uses:

ETALBOND A2 composite panels are designed for:

Exterior and interior wall and ceiling cladding and pillars,

Layers of lightweight rear ventilated facade with substructure,

Non-structural balcony balusters,

Layers of exterior wall insulation made of lightweight, dry methode,

In newly built, modernized and refurbished buildings.

ETALBOND A2 composite panels are shipped as flat or cassette-shaped plates.

4. Name and Address of the Manufacturer and the Place of Manufacture of the Product:

ELVAL COLOUR S.A., 2-4 Mesogeion Ave., 115 27 Athens -GREECE

Production Plant:

ELVAL COLOUR S.A. , 3rd Km. Inofyta Peripheral Rd., 32011 Saint Thomas-Viotia, GREECE

5. Name and address of the authorized representative, if applicable:

NA

6. National system of assessment and verification of constancy of performance:

System 1

7. Technical specification:

7a. Polish Standard:

NA

7b. Polish Technical Assessment / Technical Approval no.:

ITB-KOT-2017/0140 edition 2

Technical assessment body – which issued the technical assessment / technical approval

ITB, Instytut Techniki Budowlanej

Name of the certification body, accreditation number and the number of the certificate [for products in system 1+, 1, 2+]]

Instytut Techniki Budowlanej, AC 020, Certyfikat nr: 020-UWB-2580/W

8. Declared Performance:

Pos.	Basic Characteristics	Properties of ETALBOND A2 Boards	Notes
		Thickness 4 mm	
1	Permissible deviations of dimensions, mm - Thickness - Width - Length: <ul style="list-style-type: none">• ≤ 4000 mm• (4001 ÷ 6000) mm	$\pm 0,2$ 0,0 / + 4,0 0,0 / + 4,0 0,0 / + 6,0	Declared values by the manufacturer

	• (6001 ÷ 8000) mm	0,0 / + 10,0	
2	Surface weight, kg/m ²	7,75 ± 10%	
3	Flexural strength, average in the perpendicular and parallel directions, Mpa	≥ 60	PN-EN ISO 178:2011
4	Flexural modulus, mean in the perpendicular and parallel directions, Mpa)	≥ 9000	
5	Adhesion of the core to the facing, marked by peeling, average in the direction of perpendicular and parallel directions, N/mm) - In air-dry conditions - After 1 cycle of heat -humidity - After 5 cycles of heat -humidity)	≥ 2,0 ≥ 2,0 ≥ 2,0	
6	Classification of reaction to fire	A2-s1, d0	EN 13501-1
7	Condition of the Surface of the coating	no visible defects and damage	
8	Film thickness, µm - PVDF-2 - PVDF-3 - VHDPE	≥ 27 ≥ 29 ≥ 25	
9	Adhesion of the coating, determined by tear grafting resistance, grade	0	
10	Pencil hardness	≥ HB	
11	Flexibility of the coating- bending test)	no cracks on the coating at T≤ 3	
12	Resistance of teh coating to acidic salt solution in 500 h	absence of symptoms of damage	
13	Resistance to moisture (continuous condensation) during 1000 h)	no signs of damage	

9. The performance of the product identified above are compatible with all listed in pt.8 declared performance. This national declaration of performance is issued under the Act of 16 April 2004 on construction products, the sole responsibility of the manufacturer.

Wimieniu producenta podpisał(a):
(on behalf of the manufacturer signed)

Yannis Angelis
Managing Director
(imię i nazwisko oraz stanowisko)
(name, surname and function)

Saint Thomas-Viotia, 5.07.2021
(miejsce i data wydania)
(place and date of issuing)

ELVAL COLOUR SA
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S.A. REG. NO: 005872901000. VAT Nr.: EL999213301

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(podpis)
(signature)