THOMAS BELL-WRIGHT
A PHENNA GROUP COMPANY

UKAS PRODUCT CERTIFICATION 6762

In accordance with UKAS accreditation to ISO/IEC 17065
Certification is Hereby Granted

to

Premier Façade Factory

Bldg. 278, Block 4, Amgharah Industrial Area, Jahrah,
P.O. Box 42176, Shuwaikh 70652, Kuwait

for

"PRIMEBOND A2"

4 mm thick Aluminium Composite Panel

(BS EN 13501-1:2018 and ASTM D1929-20)

which, subject to limitations described on the following pages and continued listing on www.tbwcert.com, complies with Product Certification Scheme
SD03 Exterior Wall Assemblies, Curtain Walls, Building Materials, Products & Assemblies

In witness whereof, this Certificate is issued this 7th day of June 2024

THOMAS BELL-WRIGHT INTERNATIONAL CONSULTANTS
102094
CERTIFIED

Sandy Dweik
Chief Executive Officer

Nicholas Purcell
Director of Certification

Certificate Number: TBW0301058

Initial registration: June 7, 2024 Issued: June 7, 2024 Expiration: June 6, 2027
File Name: XB060_CRT_SD03RX_Primebond-A2_Issue1_(f) Issue 1

This certificate and schedules are held in force by regular Factory Inspections by Thomas Bell-Wright International Consultants (TBWIC).
Refer to www.tbwcert.com or contact TBWIC Certification Division to validate the current status of the Certification.
This certificate remains a property of Thomas Bell-Wright International Consultants.
P.O. Box 26385, Dubai, UAE. | Tel: +971 4 8215777 | Email: certification@bell-wright.com | Web: www.bell-wright.com
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F 19 Scheme Certificate Issue 8 Issued Mar 2024

"PRIMEBOND A2"
4 mm thick Aluminium Composite Panel

A. Certification is given for "PRIMEBOND A2" 4 mm thick Aluminium Composite Panel for Reaction to Fire performance to test standard ASTM D1929-20 – "Standard Test Method for Determination Ignition Temperature of Plastics" for Spontaneous Ignition (SIT) & Flash Ignition Temperature (FIT), and Reaction to Fire classification according to BS EN 13501-1:2018 – "Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests", subject to the limitations stated herein. The summary of the scope of certification is stated below.

Table 1. *Summary of the Scope of Certification*

Product Name/Reference	Reaction to Fire performance		Report Reference
	Result	Standard	
"PRIMEBOND A2" 4 mm thick Aluminium Composite Panel	A2 – s1, d0	BS EN 13501-1:2018	XB062-15 Rev. 0
	FIT: 441 °C SIT: 452 °C	ASTM D1929-20	XB062-3 Rev. 01

B. Readers of this document should be familiar with the fire test standard and the requirements of ISO/IEC 17065:2012. The Certification will be listed on www.tbwcert.com while it remains current. This Certification is not valid if it is not so listed.

C. The product is approved based on TBWIC Product Certification Scheme SD03 Exterior Wall Assemblies, Curtain Walls, Building Materials, Products & Assemblies (Issue 11), which includes pre-test sampling, evidence of performance (under report reference(s) in Table 1), Technical Verification and Proof of Performance, compliance to Factory Production Control requirements and surveillance & Re-certification Inspection/Audits.

D. Limitations

D.1. This Certification covers the specifications of the products as described in Sections E.

D.2. The test standard covered under this Certification was used to measure the response of materials, products, or system assemblies to heat and flame under controlled conditions. The results described in each particular test report on its own shall not be used as the sole criteria for fire-hazard or fire-risk assessment of the materials, products, or system assemblies under actual fire conditions.

D.3. No variations are allowed in material composition and manufacturing process unless recognised and approved by this Certification.

D.4. This Certification pertains only to the product as tested. It does not extend to the construction build-up or assembly comprising the material.

D.5. This Certification shall be limited to the colour range of the exterior HDPE coating listed in the manufacturer's colour chart (Reference: "PR30124" Rev.3, Issued 20/01/2024).

Certificate No.: TBW0301058

Director of Certification
Nicholas Purcell

Seal No.: 102094

Issued: 07 Jun 2024
Valid to: 06 Jun 2027

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D.6. This Certification does not address the following:

a. Air and Water Permeability
b. Measurement of heat transmission
c. Effect of aggravated flame spread behaviour of an assembly resulting from the proximity of combustible walls and ceilings
d. Classification or definition of material as non-combustible
e. Any Resistance to Fire rating
f. The toxicity level of smoke developed during combustion
g. Fire propagation characteristics when tested as large-scale façade cladding assembly

E. Product Details

E.1. Product description
Reference: "PRIMEBOND A2" Aluminium Composite Panel
Description: Aluminium composite material with "mineral filled core"
Weight per unit area: 8.3 ± 0.5 kg/m²
Panel thickness: 4 ± 0.2 mm

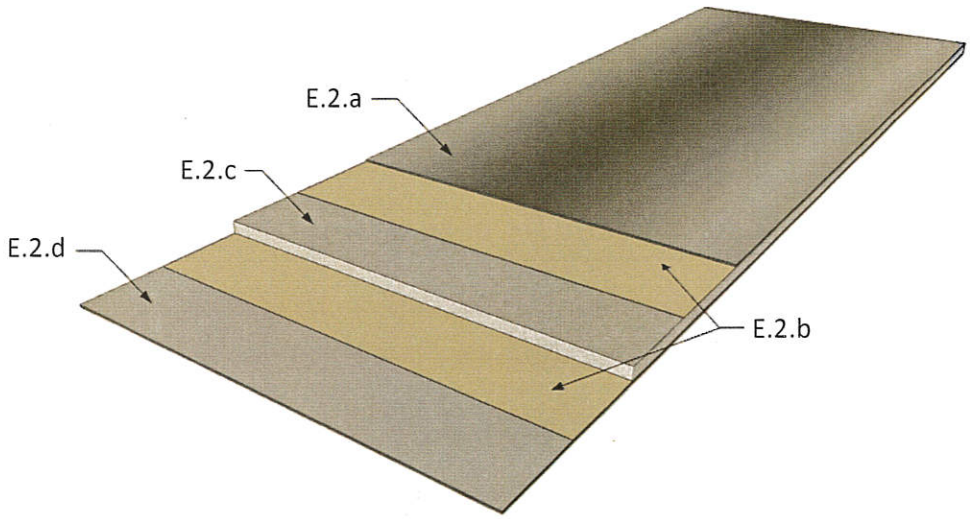

Figure 1. *Aluminium Composite Panel - Typical details*

E.2. Product component details

a. Exterior Skin (top skin)
Material: Aluminium, Alloy 3003-H16
Nominal Thickness: 0.5 mm
Coating Type: High Durable Polyester (HDPE)
Maximum Coating Thickness: 28 microns

b. Adhesive Film
Material: Polyethylene-based film
Maximum Thickness: 80 microns
Nominal Density: 918 kg/m³

c. Core
Reference: "FR A2 Clad Core"
Material: "ACP core with mineral fillers"
Density: 1800 ± 100 kg/m³
Thickness: 3 ± 0.2 mm

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d. Interior Facing (Bottom Skin)
Material: Aluminium, Alloy 3003 H16
Nominal Thickness: 0.5 mm
Coating Type: Polyester (PE)
Maximum Coating Thickness: 10 microns

F. Approved Manufacturing Location

Bldg. 278, Block 4,
Amgharah Industrial Area,
Jahrah, P.O. Box 42176,
Shuwaikh 70652, Kuwait

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