

TECHNICAL DATA SHEET

Record: 268/2019

Product: SMARTBOND® Panel



Description	Aluminum composite panel made up of a core of ribbed aluminum alloy 3000 and coil-coated pre-painted aluminum sheets alloy 3000 in several colors
Application	Exterior and interior advertisement
Size	mm. 1500 x 3050
Adhesive tape	Bi-component polyurethane adhesive structural glue 10 years guarantee
Dimensional tolerances	<ul style="list-style-type: none"> • thickness: +/- 0,3 mm. • width: +/- 10 mm. • length: +/- 20 mm
Total thickness	mm. 3,4 – 3,6 – 3,8 +/- 0,2
Coat Thickness	25-35 µm
Hardness	Min F
Visual look	Flat sheet
Painting strenght	Painting cycle Polyester according to standards EN 1396.
Fire reaction	Incombustible A1
Medium strenght delamination ASTM D1781	> 280 N/76 mm or 40 mm/mm
Max temperature of service °C	- 50 / + 80; on request + 150
Thermal expansion coefficient °C⁻¹	2,3 x 10 ⁻⁵
Aluminium Thickness	0,4 – 05 - 06 mm
Aluminium Alloy	3005/3105
Weight	Kg/m ² 3,50 – 3,80 – 4,00
Thermal Transmission (U)	5,62 W/m ² K
Acoustic Insulation RW (C;Ctr)	26 (-1;-3) dB

WORKING PROCESS

