

TECHNICAL DATA SHEET

Record: 269/2019

Product: BATIBOND® Panel



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| 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. 3,8 -/+ 0,2 |
| Coat Thickness | 25-35 µm |
| Hardness | Min F |
| Visual look | Flat sheet |
| Painting strenght | Painting cycle PVDF 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 / + 100; |
| 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

