

TECHNICAL DATA SHEET

buildbond'A2

| PANEL DIMENSIONAL CHARACTERISTICS | | | |
|-----------------------------------------------------|---------------------|-------------------|--------------------|
| | VALUE | UNIT | NORM |
| Panel thickness | 4 | mm | EAD 090062-00-0404 |
| Aluminium thickness | 0.5 | mm | |
| Panel weight | 9.5 | kg/m ² | |
| Standar panel width *others to consult | 1000-1250-1500-2000 | mm | |
| Standar panel length [min -max.] *others to consult | 2000 - 6000 | mm | |

| PANEL DIMENSIONAL TOLERANCE | | | |
|-----------------------------|-------|------|------|
| | VALUE | UNIT | NORM |
| Weight tolerance | ± 5 | % | |
| Thickness tolerance | ± 0.2 | mm | |
| Width tolerance | ± 2 | mm | |
| Length tolerance | +15 | mm | |
| Diagonals tolerance | ± 3 | mm | |

| COATING CHARACTERISTICS | | | |
|---------------------------------------------|-------|------|-------------------------|
| | VALUE | UNIT | NORM |
| External coating thickness PVDF 70/30-HDPE* | 25-40 | µm | EN 13523 |
| Thickness of interior coating Primer | 5-10 | µm | |
| Gloss (measured at 60° angle) | 30 | GU | EN 13523 - 2 / ISO 2813 |
| Hardness (pencil hardness) | HB-F | | EN 13523 - 4 |

| PANEL CHARACTERISTICS | | | |
|--------------------------|------------|--------------------|----------|
| | VALUE | UNIT | NORM |
| Temperature utilization | - 40 /+ 80 | °C | |
| Thermal expansion Δ100°C | 2.215 | mm/m | |
| Thermal transmission[U] | 5.88 | W/m ² K | EN 12524 |

| CHARACTERISTICS OF THE LACQUERED ALUMINIUM SKIN | | | |
|-------------------------------------------------|--------------------|-------------------|---------------------|
| | VALUE | UNIT | NORM |
| Alloy ⁽¹⁾ | 5005 / 3105 /3005 | | EN 573-3 |
| Elasticity module [E] | 70000 | | |
| Proof stress (Rp 0.2) | ≥ 80 | | EN 485 - 2 |
| Tensile strength (Rm) | 125 ≤ Rm ≤240 | | |
| Elongation (A50) | ≥ 4 | | |
| Impact resistance | 4 Julios / GTO | | EN 13523 - 5/6 |
| Chemical resistance | 5% HCl sin cambios | | ISO 2812 - MÉTODO 3 |
| Density | 2700 | kg/m ³ | |

¹ Mirror finishes Alloy 1050

| FIRE CLASSIFICATION | | | |
|---------------------|-----------|------|------------|
| | VALUE | UNIT | NORM |
| | A2-s1, d0 | | EN-13501-1 |

*According to the requirement of the work or colour - does not accept the final guarantee.

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