

STAC BOND®



| SHEET DIMENSIONS | WIDTHS (mm) | LENGTHS (mm) |
|---------------------------------------|---------------------------|------------------------|
| Stock sizes | 1250 - 1500 | 4000 - 5000 |
| Made to measure manufacture (CONSULT) | 1000 - 1250 - 1500 - 2000 | (min.max.) 2000 / 6000 |

| Thickness tolerance (mm) ± 0,2 | Width tolerance (mm) ± 2 | Length tolerance (mm) + 15 | Diagonals tolerance (mm) ± 3 |
|--------------------------------|--------------------------|----------------------------|------------------------------|
|--------------------------------|--------------------------|----------------------------|------------------------------|

| PHYSICAL SPECIFICATION | UNITS | SIZE | CERTIFICATION |
|------------------------|-------------------|--------------------|---------------|
| Aluminium thickness | mm | 0,5 | |
| Panel thickness | mm | 4 | |
| Panel weight | kg/m ² | 7,5 | |
| Aluminium alloy | | 3005 / 3105 / 5005 | UNE EN 573-3 |

| FR CORE SPECIFICATION | UNITS | SIZE | CERTIFICATION |
|-----------------------|--------------------|-------------|---------------------|
| Density | gr/cm ³ | 1,6 - 1,8 | |
| Fire Resistance | | A2 - S1, d0 | UNE-EN-13501-1:2007 |

| TYPE OF PAINT | UNITS | SIZE | CERTIFICATION | |
|------------------------|-----------------------|-------------|---------------|----------|
| PvdF KYNAR 500 (70/30) | μm | 20 - 40 μm* | | |
| Brightness | MEASURED AT 60° ANGLE | 30 +/- 5* | EN 13523 - 2 | ISO 2813 |
| Hardness | | Min F | EN 13523 - 4 | |
| Priming protection | | | YES | |

| GENERAL CHARACTERISTICS | UNITS | SIZE | CERTIFICATION |
|---------------------------------------|-------------------|----------------------------|---------------|
| Elasticity module (E) | N/mm ² | 70000 | EN 485 - 2 |
| Elasticity limit (R _p 0.2) | N/mm ² | ≥ 80 | EN 485 - 2 |
| Break loading (R _m) | N/mm ² | 125 ≤ R _m ≤ 240 | EN 485 - 2 |
| Lengthening (A) | % | ≥ 2 | EN 485 - 2 |
| Temperature utilization | °C | -40° / 70° | |

* Standard values, other values can be accepted if the finish so requires it and does not affect the product quality.

