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PRODUCT IDENTIFICATION

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| Commercial Name | LAMINAPLUS® |
| Product Code | P 601 |
| Product Type | Composite prefinished panel in thin ceramic and structural support for ventilated facade |

CHARACTERISTICS

Composite prefinished panel manufactured by an innovative process that guarantee the perfect adhesion of the thin layer of ceramic lamina, 3–4–5 mm thickness and backing material: a structural foam support 10 mm thickness, AL lamina 10/10 closing end



Use: Ventilated facade for residential and commercial building

Surface Finishing: In according with thin ceramic colour

Standard Size: STD Thickness 16 mm;
STD Size: 600x600 mm, 600x1200 mm, 1000x1000 mm
Max. Size: 1.000x3.000 mm;

Weight per Surface Unit: Approx.10 kg/m² 16 mm thickness

Side Finishing: 90 ° cuts standard

Mechanical Characteristics: Module of rupture R_{mn} 11,37 MPa ASTM 12750

Sandwich Panel Component

Ceramic Lamina: Thin ceramic in different colours and finishing

Adhesive: Polyurethane hydro hardening inalterable by microorganism and thinners, acid and UV resistance, sound proof effect.

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| Specific Weight | 1,15 gr/cm ³ |
| Viscosity | 2.200 +/- 1.000 cps |
| Colour | transparent |
| Temperature Range | -30°C / + 130°C |

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|-------------------------|------------------------|---------------------------|-------------------|------------|
| Structural Foam Support | Specific Weight | 100 | Kg/m ³ | DIN 53420 |
| | Compression Resistance | 2,0 | MPa | DIN 53421 |
| | Compression Module | 80,0 | MPa | ISO 1209 |
| | Water Absorption | 0,06 | Kg/m ³ | ASTM C 272 |
| | Thermal Conductivity | 0,035 | W/m2K | |
| | Inflammability Class | M1/2 (self extinguishing) | | CSE RF2 |

STD Installation: P 601 Installation :
LAMINAPLUS panel manufactured for the external facade it can be fixed to the sub structure with blind rivets or thread deform anchors. The substructure, due to the light panel weight can be fabricated mainly in aluminium alloy.
The optimal solution of fixing system is in any case linked to a series of conditions like, for instance, the type of material used for the supporting structure, thickness and dimension of the panels, height of the building and its location, and according to the building design and structure calculation.