

COMPOSITE PANEL NEOPLAK

CHARACTERISTICS

Is based on a composite aluminium panel with mineral core coated with pvc suitable for architectural, decorative and various industrial applications, both indoors and outdoors. It conveys both warmth and texture of wood as the coldness and hardness of metals, with the characteristic benefits of the LARSON® panels, distinguished by the flatness of the product.

The outside texture consists of a decorative sheet of high quality and resistance to weathering. With a treatment of colour that reflects 80% of solar radiation and reduces the heating of the surface, so prolongs its useful life.

The panel facilitates the realization of finished from a single piece, with the possibility of transformation and subsequent folding of the same, eliminating unnecessary quirks. Allowing the collection of architectural curtain walls, ventilated or sealed, according to the characteristics of each building.

FR CORE

Flatness, lightness and resistance to fire are the Three features that make the NEOPLAK panel adapts to the highest safety fire requirements of the Technical Building Code (B-s1, d0 classification). The benefit of the mineral core responds to the requirements for safety in case of fire with reference to coating and wrapping of facades in its different assembly systems.

ADVANTAGES

>> **Low maintenance of facades.** The panels just need a cleaning with water and neutral soap to look like the first day. Do not use acidic or abrasive products that can abrade the acrylic protection layer by defacing the colour and may even lead the delamination of the PVC coat.

>> **Easy rehabilitation of facades.** It minimizes the time of action and discomfort. It is a clean, fast and silent system. They allow to avoid the replacement of the original enclosure, because the new panels act as a screen to avoid future detachments and possible problems of humidity.

>> **Greater aesthetics and quality.** Our panels allow your adaptability to any type of project. Excellent formability, they support folding, curving and perforation. Combined with the wide range of finishes complements the versatility of any product.

>> **Greater thermal and acoustic insulation.** With a ventilated façade, thermal and acoustic bridges are avoided, improving waterproofing and even perspiration. The façade can carry more than 50% of the energy losses of a building that, isolated, can generate a saving of 50% of the consumption in heating and cooling.

>> **Greater durability.** The corrosion resistant aluminum composite panels provide the fundamental design flexibility and long term performance demanded by almost any commercial application. Exceptional strength to weight ratio, extreme architectural flatness, and a cost-effective means of achieving design criteria not physically or economically possible with other building façade materials.

This combination of benefits can enhance your most imaginative project, and help maintain its appearance long after completion.