

CLADDING FIBRO

Large.Covering Fibro cladding panels are made from fibre cement, which allows for large flat slabs up to 1220 x 3070 mm with a thickness of 8 mm and high durability. The surface is lightly sandblasted with an aesthetic surface effect that varies depending on weather conditions and the amount of sunlight.

Its reaction to fire is class A according to the European standard UNI EN 13501-1. When the system comes into contact with fire, it does not release any toxic gases or fumes. Large.Covering Fibro is fireproof.

CLADDING FENOLIC

Large.Covering Fenolic cladding panels are made from high-pressure laminate (HPL) specifically for exteriors, which allows for large flat slabs up to 2070 x 2800 with thicknesses of 8, 10, 12, and 13 mm and high durability. The panels feature homogeneous black kraft, acrylic surface lacquer, available in many tints, and a decorative melamine surface on the reverse side.

Its reaction to fire is class B-s1,d0 according to the European standard UNI EN 13501-1.

SUBSTRUCTURE SYSTEM

The EN AW-6063 T6/T66 (AlMgSi) aluminium alloy Large.Covering substructure system is made up of extruded brackets and risers of suitable section, with a minimum thickness of 2 mm, connected by means of AISI 304 and 316 stainless steel fittings and fastening technologies that allow free thermal expansion of all components, independently of each other, thus avoiding harmful stresses.

Visible fastening is achieved by drilling through holes of 5-10 mm diameter in the panel in the position and number required to withstand the stresses to which the slab will be subjected during operation. During installation, a thermo-lacquered rivet or screw fastening system is inserted into the holes made in the factory by numerically controlled machines. Special centring tools are used to ensure the correct installation of the screws or rivets, relieving the panel itself from the stresses of the substructure while securing it in position.

The minimum size of the joint between the slabs is 6 mm.

The completely mechanical fastening does not require the use of adhesives or chemicals, thus guaranteeing mechanical characteristics that are predictable and do not change over time.