



TECTURA COATED PVDF

Tectura Coated PVDF is designed for external use. The coating is applied onto our unique chrome-free Hot A/C pretreated and primed aluminium.

Application and product description

Tectura Coated PVDF includes paint codes in the Tectura Coated 3xxx family.

The coating is applied onto our unique chrome-free Hot A/C pretreated and primed aluminium. The material is typically used for building applications such as cladding, roofing and facade systems that involve more severe outdoor exposure like strong UV exposure and industrial environments.

Tectura Coated 3xxx is based on a 70/30 mixture of polyvinylidene fluoride resin and acrylic resin. Specially formulated primers provide strong adhesion to the topcoats and improved corrosion resistance. The coatings are based on highly durable resins and pigments that are in full accordance with today's fabricating, service, and environmental demands.

Tectura Coated 3xxx has extraordinary colour and gloss retention during outdoor exposure, combined with good flexibility and chemical resistance. This coating system is available in a limited gloss range. However, combined with a FEVE/lumiflon topcoat a full range of gloss can be supplied. Colours in accordance with international standards such as RAL, NCS and BS are offered.

Properties

A standard coating system consists of a primer and topcoat on the main side and an epoxy reverse.

Typical film thickness range:

- Primer: 3 – 12 µm
- Topcoat: 15 – 25 µm
- Reverse: 3 – 7 µm

The final coating thickness depends on colour and texture. We can also produce double-sided full décor material and multilayer coating systems. Backside coatings with special functions like glue, foam and PP adhesion are also available.

Tectura Coated 3xxx is designed to perform for a prolonged period in outdoor applications. PVDF is not susceptible to attack by UV light, unlike most other polymers. This provides extraordinary colour and gloss retention in addition to high resistance to fading and chalking. We refer to our standard warranties for details.

Normal weathering of the coating will occur during the service life, with a reduction in gloss and gradual uniform colour change. If the distance from seaside is less than 1500m, we recommend our coastal quality with a 3-layer coating system with increased thickness.

Quality assurance

Our products are manufactured and tested to conform with EN 1396, EN 13523 and other applicable EN norms, ASTM norms and ECCA guidelines. For special applications and on customer request, extended test programmes may be agreed upon.

Speira AS can advise on the selection, performance and use of Tectura Coated products.