

Technical Coating Data

Prisma® 65 microns

Revolutionary 3 layer coating technology, providing enhanced aesthetics and long term performance and durability.

15µm add. protective clear layer 25µm coloured layer + polyamide beads 25µm corrosion resistant primer Pre-treatment Galvalloy* metallic coating Base steel substrate Galvalloy* metallic coating Pre-treatment High performance backing coat

Technical information

Thickness* 65 microns

Composition Front depending on the colour 25µm corrosion resistant primer + 25µm coloured layer

+ polyamide beads + 15μm add. protective clear layer

Back High performance backing coat

Non-matt colours 25–35%

Matt colours < 10%

Smooth

Performance

Appearance

Specular gloss (60°)**

Adhesion of the coating (T-bend) Minimum bend radius 0,5T(16°C)

Reverse impact \geq 18 J Abrasion resistance (Taber, 250 rev, 2 kg , CS10) < 15 mg Scratch resistance > 3 kg

Corrosion resistance:

Salt spray test 1000 hours

Humidity 1500 hours

Corrosion resistance category RC5
UV resistance: UV resistance category RUV4

Internal environment classification CPI5

Fire behavior classification A1 in accordance with EN 13501-1:2007 and A1:2009.

The figures contained in this table are typical properties and do not constitute a specification

Guarantee

Confidex[®] guarantee ≤ 40 years, depending on the external environment and application (online registration required)

Benefits

- Confidex® Guarantee for up to 40 years for the weatherside of industrial and commercial buildings with no inspection or maintenance to maintain its validity.
- Colour guarantee included as part of the Confidex® Guarantee for standard colours.
- Independently tested for liberation of volatile organic compounds (VOC) against EN ISO 16000-9 and achieved an A+ rating.
- Fully REACH compliant & free of chromates including hexavalent chrome.
- Made in the UK. Certified to BES 6001 Responsible Sourcing Standard.
- Fully supports BREEAM & LEED certification.