

Granite[®] Farm 35 microns

Properties

- Very good chemical resistance
- Good corrosion resistance
- Good formability
- Thermosetting paint
- Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications

Inner side of cladding, roofing (single sheets or sandwich panels), to be used in the aggressive environment of livestock and farm buildings

Description

Thickness ⁽¹⁾	35 microns
Composition	Front (inner side of the building): 15 microns primer + 20 microns top coat Back (outer side of the building): Granite [®] HD, Granite [®] HDS, Granite [®] HDX for double-sided finish; 5, 7 or 12 microns backing coat for sandwich panels
Gloss (Gardner 60°) ⁽¹⁾	30 GU Other gloss levels on request
Colours	Various shades of white
Appearance	Smooth
Temporary protection (optional)	Self-adhesive film or heat-sealed film

Performance

Adhesion of the coating (T-bend)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T
Impact resistance	18 J
Surface "pencil" hardness	HB to H
Clemen scratch resistance	≥ 2 kg
Corrosion resistance: • Salt spray test	360 hours
Condensation resistance: • QCT test • Corrosion protection (interior) category	1500 hours CPI4
Fire behaviour classification (EN 13501-1)	A1
Resistance to acids and bases	Good to very good
Resistance to ammonia	Very good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Very good Very good
Resistance to mineral oils	Very good

Remarks

These performance characteristics refer specifically to metallic coating Z275 (guaranteed minimum).
If any product (film, oil, foam, glue, paint etc) is to be applied after coil delivery, compatibility with the coating needs to be checked first.

(1) Nominal value, tolerance according to EN 10169