

Polyester Coating System

Technical Data

Areco's Polyester coating system on a base of polyester resin is the most economical system when a corrosivity category of C1-C3 is required. The coating system exhibits very good properties outdoors and a balance between flexibility and hardness/surface durability. The coating has a very good gloss and colour stability, as well as excellent resistance to metal blackening and good corrosion protection. 10 year quality warranty, see separate Areco WARRANTY document.

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|--------------------------------|--|--------------------------------------|
| Base material | Continuously hot-dip galvanised sheet steel according to EN10346. | |
| Coating system | Strip-coated according to EN10169 | |
| | Visible side | 25 µm (incl. primary layer 5 µm) |
| | Reverse side | 7-10 µm Reverse side varnish |
| | Properties | Test method Data/value |
| | Paint thickness | EN 13523-1 see figure |
| | Gloss | EN 13523-2 30 – 50 |
| | Bendability, radius (T-bend) | EN 13523-7 3T |
| | Impact resistance | EN 13523-12 20N |
| Temperature resistance | 90 °C | |
| Resistance to chemicals | Acids | Resistant |
| | Bases | Resistant |
| | Aliphatics | Resistant |
| | Aromatic compounds | Resistant |
| | Alcohols | Resistant |
| | Ketones | Not durable |
| | Chlorinated | Limited durability |
| | Mineral oils | Resistant |
| Reaction to fire | A1 according to EN 13501-1 | |
| Anti-slip | Properties corresponding to other strip-coated sheet metal materials | |
| Corrosion category | RC3 | |
| UV category | Ruv3 | |

