

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. Polyester coating system has 10 years quality warranty, see specific document, Areco WARRANTY.

Base material	Continuously hot-dip galvanised sheet steel according to EN10346.		
Coating system	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 above
	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		

