

KARAT Coating System

Technical Data

Areco's KARAT is a high quality coating system with a total surface coating of 45 µm. The surface is optimised for resistance to wear, scratching and weather. The coating has a very good gloss and colour stability as well as excellent corrosion protection up to environmental category C5. KARAT coating system has 20 years quality warranty, see specific document, Areco WARRANTY.

Base material	Continuously hot-dip galvanised sheet steel according to EN10346.	
Coating system	Strip-coated according to EN10169	
	Visible side:	45-50 µm (inkl. primärskikt 20 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 40
	Bendability, radius: (T-bend)	EN 13523-7 1T
	Impact resistance:	EN 13523-12 35 N
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	RC5	
UV category	Ruv3	

