



SCALE MATT

SCALE MATT is an innovative coating which has been designed for long-lasting roofing and cladding. The unique finish of V-MATT ensures maximum resistance to scratching giving the surface finish a beautiful crystalline look.

Properties

- 10% bigger grain, 10% higher gloss
- Includes Polyester resin & Melamine hardening system that prolongs the coating durability
- Improved physical & mechanical properties
- Excellent color retention

Application

Durable coating for external use: constructional sector (roofing tiles, trapezoidal sheets, cladding, fences etc.)

Description

Thickness	30~35 micron Dual side option
Gloss	Gardner 60° / Max 6%
Colors	RAL or RR palette (color matching possible upon request)
Surface condition	Wrinkle / Big Grain
Surface protection	Standard Protective films are usually not suitable for wrinkled surfaces

Performance

Adhesion of the coating (T-Bend)	2T (no loss of adhesion)
Resistance to cracking on bend (T-Bend)	1.5~2T no crack
Impact resistance	18J
Surface pencil hardness	H
Scratch resistance	≥2 kg
Corrosion resistance	
• Salt spray test / humidity	500 h / 1000 h
• Corrosion resistance category	RC3
UV resistance	
• QUV (UVA + H2O) test (2000 hours)	ΔE ≤ 3; GR ≥ 60%
• UV resistance category	RUV2
Fire behavior classification (EN 13501-1)	A1
Highest operation temperature	90°C
Resistance to acids and bases	Good
Resistance to solvents:	
• Aliphatics and alcohols	• Good
• Ketones	• Low
• Aromatics	• Good to very good
Resistance to mineral oils	Good

Warranty

Rural / Civil / Industrial Environment	Crack, Peel off	15 years
	Fading, Chalking	15 years