

Self Cleaning™ ColorCoat

Prepainted Galvanised Iron Steel Coils and Sheets

PRODUCT INFORMATION

Self Cleaning™ ColorCoat is a polyester based system designed to protect the painted surface against dirt pick up. The main characteristic is its surface wash ability, which resist dirt and particles from being bonded to the surface and thus facilitate roofing and siding maintains. **Self Cleaning™ ColorCoat** offers an excellent UV resistance and balance between flexibility and hardness.

Self Cleaning™ ColorCoat protects surfaces and maintains an attractive appearance for long periods of time. It is resistant to dirt and is easy to clean if it should become soiled. It offers semi permanent protection for substrates even against acid rain and high salinity.

MAIN APPLICATION

Architectural:

Siding Panels, Metal Roofing, Shutters, Warehouse, Partitions, Ceiling Panels, Doors, Windows, Frames, Louvers & etc.

DIMENSION (Normal Supply)

Base Metal Thickness, mm*	Width, mm*	Product Grade #	Mechanical Properties Steel Base	Typical
0.196, 0.21, 0.25 0.27	914	CGCH, Full Hard Material	Tensile Strength, Mpa	550 - 780
0.30, 0.35, 0.38	914 - 1219		Yield Strength, Mpa	530 - 740
0.40, 0.42, 0.48	914 - 1219		Hardness, HRB	85 - 99
0.60	1219		Elongation, %	1 - 6
0.261, 0.27	914	CGCC, Annealed / Soft Material	Tensile Strength, Mpa	250 - 370
0.30, 0.35, 0.38	914 - 1219		Yield Strength, Mpa	205 - 325
0.42, 0.50	914 - 1219		Hardness, HRB	55 - 65
0.60	1219		Elongation, %	21 - 31

* Other thickness and width will be available upon request.

Other product grades such as Grade D / Grade E material are available subject to enquiry.

PAINT COATING SYSTEM

Pretreatment : Cleaning and chemical treatment for corrosion resistant conversion coating.

Primer Coat : Corrosion inhibitive Primer coating. Nominal thickness 5 - 10 μm max on both side.

Finish Coat : A variety of finish coat is available. Nominal thickness 20 - 25 μm max.

Backer Coat : Service coat on the backside. Nominal thickness 5 - 10 μm max.