

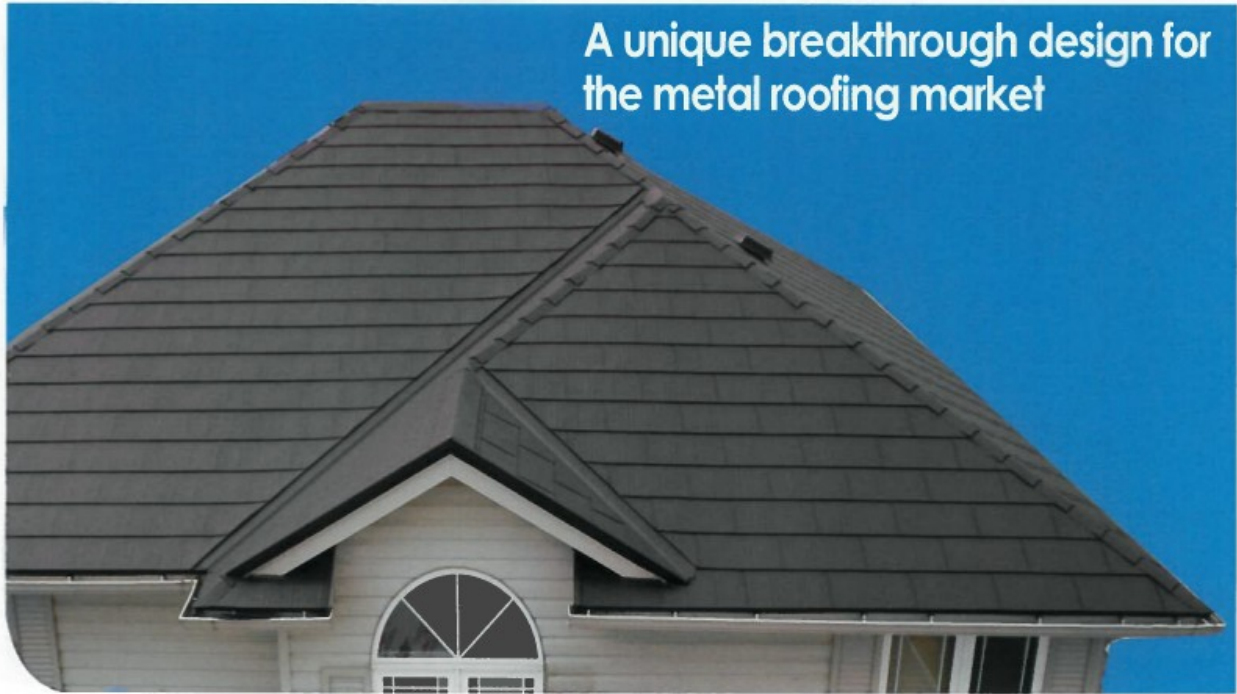


ArcelorMittal

ArcelorMittal Solutions in Steel™  
for Construction

Granite® Deep Mat  
Organic Coated Steel for Roofing and Cladding

*Granite® Deep Mat, a prepainted steel that brings differentiation and originality in roofing and cladding designs for residential and commercial building projects*



## Introducing Granite® Deep Mat

Granite® Deep Mat is a textured low-gloss pre-coated steel designed for roofing (non-vertical) and sidewall (vertical) applications, in the construction market. The flexible coating allows for a variety of profiles to be roll formed and stamped. Granite® Deep Mat's low gloss textured surface property gives it a consistent appearance from any angle or position.

### Paint characteristics

- The exposed surface shall have a dry film thickness of 30 microns (1.2 mils).
- Unexposed (reverse side) dry film thickness will vary in accordance with customer requirements.

### Processing

Granite® Deep Mat's paint system is resilient to cracking and crazing during forming due to its high flexibility.

### Performance

Granite® Deep Mat's film integrity is designed for 40-year performance.

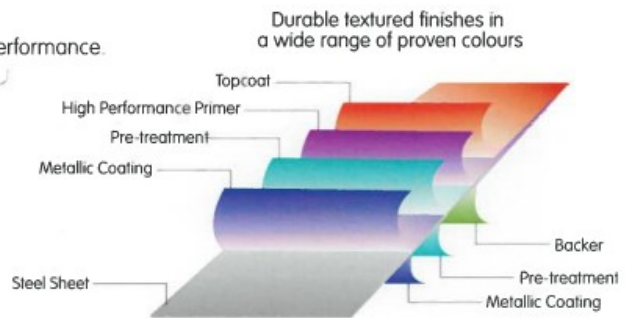


Figure 1. Prepaint system specification










## Granite® Deep Mat Product Specification

	ASTM	Granite® Deep Mat
Film Thickness	D5796	1.2 +/- 0.2 mils
Gloss (60 degree)	D523	≥ 5
Film Hardness (pencil)	D3363	HB Min
Adhesion (T-Bend test)	D4145	2T no tape removal
Flexibility (T-Bend test)	D4145	2T no cracks
Adhesion Impact	D2794	No cracking or loss of adhesion to 160in x lbf
Humidity Condensing Test	D4585	Cyclical test 1000 hrs, no blistering

Weathering standard for applications located in Canada and the Continental U.S.

Film Integrity		40 years
Colour Change	Wall	30 years - dE 5
	Roof	30 years - dE 8
Chalking	Wall	30 years - #8
	Roof	30 years - #6
Geographical Limits		Canada and Continental U.S.

\*in the absence of aggressive fumes and/or other chemicals not normally encountered in the atmosphere

Standard Colours	QC	
Chocolate Brown	60034	
Graphite Grey	60035	
Umber Red	60036	
Chrome Green	60037	
Terra Rosso	60038	
Jet Black	60039	
Sepia Brown	60041	
Oxide Red	60042	
Copper Brown	60043	

\*please inquire about additional colours

\*\*although care has been taken to reproduce colours, printed colours serve as a guideline only for the Granite® Deep Mat colour palette

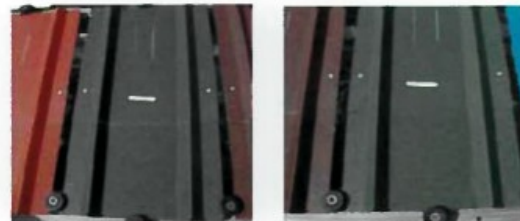


Figure 2. ArcelorMittal Dofasco exterior exposure (weathering) testing program



Enhanced flexible coating to sustain demanding stamped or roll formed processes

The combined use of a highly durable resin technology and high grade pigments meet the technical requirement of the roofing market with traditional colours



### The world's leading steel company

ArcelorMittal is the number one steel company in the world with 260,000 employees in more than 60 countries and an industrial presence in 27 countries across Europe, the Americas, Asia and Africa.

The company holds large captive supplies of raw materials and leadership positions in all major global customer segments: automotive, construction, household appliances, and packaging.

At the heart of ArcelorMittal's strategy is our commitment to sustainable development and our ambitions to be a benchmark for economic performance, labor relations, and social responsibility. Our vision is "To be the World's Most Admired Steel Company."

™ - ArcelorMittal (logo/Slogan) is a trademark of ArcelorMittal

® - LEED (Leadership in Energy and Environmental Design) is a registered trademark of the U.S.G.B.C.

™ - EcoLogo is an official mark of the Government of Canada

ArcelorMittal Dofasco is a licensed Senior Partner with the Asthma Society of Canada's Corporate Builders Program

Our product is steel. Our strength is people.®

Granite® - ArcelorMittal name is a registered trademark in North America

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ArcelorMittal Dofasco steel is certified to EcoLogo® standard CSD 110 "Steel for Use in Construction Products"



Building products made with ArcelorMittal Dofasco steel promote a healthy indoor environment

