



ArcelorMittal

TagTough™

Now you can fight back with a new graffiti resistant pre-painted steel by ArcelorMittal Dofasco

ArcelorMittal Solutions in Steel™ for Construction



On newly installed panels, TagTough's coating causes paint to bead on the surface.

TagTough™

TagTough steel features a factory-applied coating that is difficult to vandalize through graffiti and washes off with minimal effort.

TagTough eliminates the need for graffiti resistant coatings that must be applied in the field. In addition, for the first year following installation of TagTough steel, taggers will find it very difficult to apply their paints, markers or other graffiti material to the surface. Tagging requires more time and more paint product, which often causes the paint to sag. Even if taggers are persistent, in most cases TagTough steel is easily washed using only water and a pressure washer.

The TagTough paint system

TagTough is a three-coat system comprised of a corrosion inhibiting primer, a polyvinylidene fluoride (PVDF) colour base coat and a fluoropolymer clear coat for maximum colour retention.

Key features

- Graffiti is cleaned off easily with water and a power washer.
- Overspray (paint droplets) is removed by rubbing the surface with a household scrub sponge.
- There is generally no additional need for chemicals, solvents or cleaners.
- Clean-up is safe and cost effective.

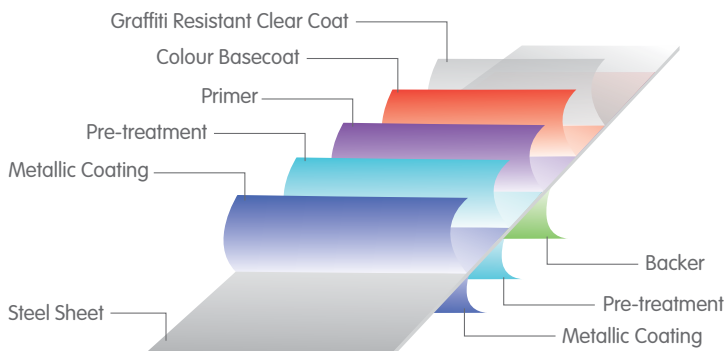


Figure 1: Prepaint system specification

TagTough technical specifications

Performance Specifications	ASTM	TagTough
Film Thickness	D5796	1.5 +/- 0.2 mil
Film Hardness (Pencil)	D3363	HB minimum
Formability/ Adhesion (T-Bend test)	D4145	2T no taped removal
Gloss (60 degree)	D523	35 +/- 5 gloss units

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

Film Integrity	The paint film will not peel, flake or otherwise lose adhesion	35 years
Colour Change	Sidewall (vertical) panels	30 years – colour change less than or equal to 5NBS
Chalking	Sidewall (vertical) panels	30 years – chalking less than or equal to #8 rating

Other unique performance features

- For the first year following installation, TagTough makes most graffiti lacquers bead on the surface, which deters taggers.
- TagTough is available in a broad range of standard colours as well as custom colours.
- TagTough has excellent resistance to weathering (colour, chalk and gloss) due to its PVDF system.
- TagTough has excellent corrosion protection with its three-coat system.

Special notes

- TagTough steel provides protection against most graffiti materials. For optimal results, graffiti product must be removed within 72 hours from the time of application.
- Some handcrafted spray paints or marker types may leave a permanent stain on the surface.
- As TagTough steel weathers, the ability to remove graffiti could vary depending on exposure conditions. Additional removal measures may be required, including the use of a commercial cleaners tested and approved by ArcelorMittal. The effect of any other commercial graffiti cleaners on TagTough cannot be guaranteed.
- ArcelorMittal representatives will provide guidelines in cases where adhesion of the graffiti product is too strong and cannot be removed using a power washer.
- For detailed information on how to clean graffiti from TagTough steel, please contact your ArcelorMittal Dofasco representative, consult our website or watch a demonstration video at <https://www.youtube.com/watch?v=VD6bburSM&feature=youtu.be>



About ArcelorMittal

ArcelorMittal is the world's leading steel and mining company. Guided by a philosophy to produce safe, sustainable steel, it is the leading supplier of quality steel products in all major markets including automotive, construction, energy, household appliances and packaging. ArcelorMittal is present in more than 60 countries and has an industrial footprint in over 20 countries.

With a strong presence in North America, Europe, South America and South Africa, and an emerging presence in China, ArcelorMittal delivers a large scale of products, solutions and services to customers with the same quality focus in all regions. ArcelorMittal is the leader in steel technology, both in the breadth and depth of our product portfolio, and in our ability to supply a range of grades throughout the world.

ArcelorMittal is a supplier of choice for all markets, a testament of our commitment to working collaboratively with our customers to engineer advanced steel grades to meet their needs.

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About ArcelorMittal Dofasco

ArcelorMittal Dofasco is Canada's leading steel producer and a hallmark of advanced manufacturing in North America. Headquartered in Hamilton, Ontario, and founded in 1912, ArcelorMittal Dofasco is Canada's largest producer of flat carbon steel. Our more than 5,400 employees are dedicated to being world class as we strive to transform tomorrow with lighter, stronger and more sustainable steel.

ArcelorMittal Dofasco plays a key role in North America's advanced manufacturing supply chain working with the top automotive, energy, packaging and construction brands to develop lighter, stronger and more sustainable products – from cans to cars.

ArcelorMittal is ranked amongst the world leaders in steel for research and development (R&D), with 11 research centers throughout the world. Our 1,400 researchers are dedicated to pushing the limits of steel and materials science through product and process development.

