

LustreLok™ - the Advanced Acrylic Coating for Galvanized Steel

LustreLok™ is a thin, clear organic coating, applied to both sides of the galvanized steel as a final protective layer over the zinc coating. LustreLok provides an attractive appearance and enhances the traditional look of galvanized steel. The application of an organic coating eliminates the need for ArcelorMittal to apply conventional chemical treatment and vanishing oil.

This enhancement offers our customers and users the following benefits:

REDUCED COSTS:

- The product is designed to be roll formed dry, which eliminates the need for lubricants
- Lower maintenance costs – reduced coating build-up and reduced tool wear will extend die life.
- Improved productivity – extended die life results in longer production runs.
- Enhanced scheduling flexibility – eliminates the need for die clean-up prior to roll forming prepainted metals or other uncoiled products.

STORAGE, HANDLING AND INSTALLATION BENEFITS:

- Excellent resistance to staining during transit and field storage.
- Reduces smudging and streaks associated with rolling oils.
- Effectively resists fingerprinting and foot printing during installation.

IMPROVED SAFETY:

- Finished product is delivered to the job site dry, providing a safer, oil-free surface for workers.

STANDARD ZINC COATING WEIGHTS:

- Z001-Z600 • G01-G210

QUALITIES:

Commercial Steel – ASTM A653/A653M
Structural Steel – ASTM A653/A653M
Forming Steel – ASTM A653/A653M
HSLA – ASTM A653/A653M

SIZE AVAILABILITY:

- 0.25mm (.010") to 2.31mm (.091") thickness
- 1,537mm (60.5") maximum width

TYPICAL END USES:

- Roofing • Cladding and Siding
- Ceiling Grid Systems • Ducting
- Electrical Boxes • Light Steel Framing
- Pools (above ground and in-ground)
- Major Appliances
- Building Components and Accessories
- Garage Doors • Grain Bins, Truss Plates
- Industrial Packaging.



LustreLok maintains the surface appearance of galvanized steel for a longer period of time than traditional mill-applied passivation coatings and chemical treatments.



Roll Forming – the product is designed to be roll formed dry, which eliminates the need for lubricants.



Over time, the clear organic coating will disappear from weathering, leaving the natural appearance of the galvanized coating.

The organic resin does not discolour or yellow during exposure – as verified by ArcelorMittal during actual building inspections, outdoor exposure testing, as well as accelerated weathering and corrosion testing.

A slight darkening and gloss reduction can be expected, as with any metallic coating during weathering.