



# NS6 Galvanized Iron Primer

Duram NS6 Galvanized Iron Primer is a high adhesion and corrosion resistant water-based primer for new and weathered galvanized metal.

Colours: Yellow

#### PRODUCT USES

- Essential primer for galvanized roofs, fences and other metal surfaces.

#### ADVANTAGES

- Corrosion protection.
- Excellent adhesion.
- Easy to apply.
- Good flow and levelling properties.
- Quick drying.
- Water-based, non-flammable and environment friendly.
- Simple to clean.

#### COVERAGE

- 8 - 10m<sup>2</sup> per litre per coat. Applied in a 2 coat application.
- Recommended wet film thickness of 80 microns per coat resulting in a dry film thickness of 40 microns per coat.

#### PREP

Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae, mill scale and grease.

- New galvanized iron:
  - New galvanized iron is covered with a temporary protective oil which needs to be removed.
  - Clean away grease and dirt with Duram NS2 Galvanized Iron Cleaner according to instructions.
  - Rinse thoroughly with water until a water break-free surface is attained and allow to dry.
- Weathered galvanized iron:
  - Clean away grease and dirt with Duram NS2 Galvanized Iron Cleaner according to instructions.
  - Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

## PRIME

- New and weathered galvanized iron:
  - Apply Duram NS6 Galvanized Iron Primer as soon as possible to avoid re-contamination and flash rust (within 4 hours for coastal areas and 12 hours in other areas).
  - Stir NS6 Galvanized Iron Primer well.
  - Apply an even coat of NS6 Galvanized Iron Primer with a brush, roller or spray system.
  - Allow to dry.
  - For optimal protection against corrosion, apply Duram NS4 Anti-Rust Coating according to instructions before applying the topcoat (especially for humid and coastal environments).

## PROTECT

- New and weathered galvanized iron:
  - Allow Duram NS6 Galvanized Iron Primer to dry for 4 to 6 hours before overcoating with water-based paints, or at least 24 hours for solvent-based topcoats.
  - Decorate and protect metal with Duram NS8 Metal Topcoat or Duram Roofkote.

## CLEANING

All equipment and over spray should be cleaned with water before the product has dried.

## IMPORTANT

- Application in areas where surface temperature exceeds 40°C is not recommended.
- Exhibit care when overcoating with compositions containing strong solvents e.g. nitro-cellulose lacquers.
- Full cure of Duram NS6 Galvanized Iron Primer should be obtained before overcoating with lacquers.

## SAFETY PRECAUTIONS

- Keep out of reach of children.
- Apply in a well ventilated area. If necessary use suitable respiratory safety equipment and protective clothing.
- If splashed in the eyes or on skin, rinse off immediately with clean warm water.

## DURAM NS METAL COATINGS

- NS1 Rust Buster: Stop rust quickly and easily with Duram NS1 Rust Buster, a rust converter and metal primer that neutralises rust leaving metal ready for further priming and painting.
- NS2 Galvanized Iron Cleaner: Clean away grease and dirt with Duram NS2 Galvanized Iron Cleaner. NS2 also etches the metal to assist adhesion.
- NS4 Anti-Rust Coating: Prevent rust with Duram NS4 Anti-Rust Coating, a high-performance treatment that contains Zinc Phosphate, a proven barrier against rust.
- NS5 Metcote Etch Primer: Prime metal with Duram NS5 Metcote Etch Primer, a high adhesion primer that contains acids that etch the metal surface ensuring excellent adhesion.
- NS6 Galvanized Iron Primer: Prime galvanized metal with Duram NS6 Galvanized Iron Primer for maximum adhesion.
- NS7 Heat Resistant Paint: Duram NS7 Heat Resistant Paint withstands 700°C and provides intense heat protection and an exceptionally durable and attractive finish for high heat surfaces such as fireplaces, braais, stoves and chimneys.
- NS8 Metal Topcoat: Decorate and protect metal with Duram NS8 Metal Topcoat. This polyurethane enhanced enamel combines the strength of polyurethanes and the weather resistance of acrylics, for a tough yet beautiful surface.

## TECHNICAL DATA

Pack size	1 litre, 5 litre, 20 litre
No of components	1
Drying time	Surface: 1 hour at 25°C Hard: 6 hours at 25°C
Overcoating	48 hours at 25°C for solvent based topcoat 4 hours at 25°C for acrylic topcoat
Volume solids	46% to 48%
Wet film thickness	80 microns per coat
Dry film thickness	38 microns per coat
Service temperature	-10°C to 60 °C
Application temperature	5°C to 40°C
Density	1.29 to 1.31g/cm <sup>3</sup>
Finish	Matt
Toxicity	Non Toxic when dry
Fire Hazard	No
Shelf life	24 months
Storage	Under cover in cool, dry conditions

*Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.*

*Updated: June 2011 (this supercedes all previous publications)*