

NS6

Galvanized Iron Primer

Duram NS6 Galvanized Iron Primer is an essential primer for new and weathered galvanized iron with maximum adhesion and corrosion protection.

ENGINEERED
FOR
METAL



PRODUCT USES

- Essential primer for galvanized iron with maximum adhesion and corrosion protection.
- New and weathered galvanized iron.
- Domestic, commercial, industrial and automotive uses including structural steel, roofs, gutters and down pipes, gates, fencing, window and door frames, balustrades and handrails, staircases, light fittings, patio furniture, playground equipment, farm implements and tanks.
- Interior and exterior use.



ADVANTAGES

- Maximum adhesion.
- Corrosion protection.
- Easy to apply.
- Quick drying – fast recoat.
- Promotes smooth topcoat.
- Water-based – water clean up.
- Low VOC and low odour for confined spaces.
- Non-flammable.



SURFACE PREPARATION

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

- Remove all loose, flaking and embedded rust, mill scale and paint by simply scraping it off with abrasive tools such as coarse sandpaper, a wire brush or mechanical grinder for large areas. Finish with a fine grain sandpaper afterwards to smooth the surface. Bring metal back to a sound condition.
- Clean substrate with *Duram NS2 Galvanized Iron Cleaner* as per instructions.
- Apply *Duram NS6 Galvanized Iron Primer* within 12 hours of surface preparation, and immediately for coastal environments, to prevent contamination and oxidation.



COVERAGE

- 2 coats @ 8 – 10m²/litre per coat. Depending on surface conditions.
- Wet film thickness: 80 microns per coat.
- Dry film thickness: 40 microns per coat.
- A third coat is required for aggressive environments such as coastal and industrial areas.

Approximate m² coverage per pack size.
Based on one coat.

1 L = 4,5m²

5 L = 22,5m²

20 L = 90 m²

UNPAINTED SURFACES - NEW OR WEATHERED

- Galvanized iron: Apply *Duram NS6 Galvanized Iron Primer* direct to prepared surface.

PREVIOUSLY PAINTED SURFACES

- Remove powdery or loose, flaking paint completely with a wire brush, sandpaper or high pressure cleaner. Abrade surface with coarse sandpaper to ensure good adhesion. Wipe down with a slightly damp and allow to dry. Spot prime bare substrate with *Duram NS6 Galvanized Iron Primer*.

**APPLICATION**

- Stir *Duram NS6 Galvanized Iron Primer* well using a flat paddle.
- Thinning is not recommended.
- Apply two or more coats at a uniform thickness with a brush or roller using a long, smooth strokes. For airless spray use 17,19 or 21 thou nozzle sizes, For by air assisted spray if thinned with 5 - 10% water.
- Drying time between coats: 2 - 4hrs
- Allow to dry completely - 4 hours for a water-based topcoat or 24 hours for an oil-based topcoat. Apply topcoat immediately.

**CLEANING**

- Water clean up.

**IMPORTANT**

- Call our Technical Helpline or visit duram.co.za for queries and updated Datasheets and Material Safety Datasheets.
- Check that paint containers carry the same batch number.
- Take care when lifting and carrying. In transit, keep tightly closed in a secure upright position.
- Whilst every care is taken in manufacture, no warranty is given relating to use.
- Protect the substrate against corrosion using the correct paint system built up from a number of coats as specified.
- Do not mix with Mineral Turpentine
- Do not overcoat with epoxies and 2K polyurethanes.
- Observe special precautions in aggressive environments such as coastal and industrial areas.
- Do not apply outside if rain is expected. Apply when ambient and surface temperatures are 5°C to 35°C.
- Keep cool and protect against freezing.
- Donate unwanted paint. Dispose contents responsibly - do not empty into drains or watercourses. Recycle empty container.

**SAFETY PRECAUTIONS**

- *Duram NS6 Galvanized Iron Primer* is water-based and is generally safe to use.
- Keep out of reach of children.
- For spray application, wear respiratory protection and protective gloves and clothing.
- If swallowed: Immediately call a poison centre / doctor.
- If on skin: Wash with plenty of soap and water.
- Use in a well-ventilated area. If experiencing respiratory symptoms: Move person to fresh air. Call a doctor.
- If in eyes: Rinse with water.



SUPPORTING PRODUCTS



Duram
NS2 Galvanized Iron
Cleaner



Duram
NS4 Anti-Rust Primer



Duram
NS8 Metal Topcoat



Duram
Roofkote



YOU MAY ALSO NEED

- Primers and Undercoats
- Wall paint, ceiling paint and floor paint
- Enamel paint for trims, doors and windows
- Anti-fungal wash
- High Pressure Cleaner
- Paper towel and cloths
- Wire brush, sandpaper or steel wool
- Masking tape
- Tape measure and stanley blade
- Drop sheets
- Ladder
- Appropriate filler and putty knife
- Paint scraper
- Screwdriver or paint can opener
- Paint stirrer or flat paddle
- Protective gloves/protective clothing/eye protection/face protection
- Paint tray lined with foil to save clean-up time
- Good quality brushes for trims, corners and walls
- Good quality roller
- Extension pole
- Airless spray with correct nozzle sizes (if spray painting)
- Additional utensils/products may be required in the preparation of surfaces.



TECHNICAL DATA

Pack Size	1 litre, 5 litre and 20 litre	Application temperature	5°C to 40°C
No of components	1	Density	1,29 to 1,31g/cm ³
Drying time	Surface: 1 hour at 25°C Hard: 6 hours at 25°C	Finish	Matt
Overcoating	48 hours at 25°C for solvent base topcoat 4 hours at 25°C for acrylic topcoat	Toxicity	Non Toxic when dry
Volume solids	46% - 48%	Fire Hazard	No
Wet film thickness	80 microns per coat	Shelf life	24 months
Dry film thickness	38 microns per coat	Storage	Under cover in cool, dry conditions
Service Temperature	-10°C to 60°C		

Technical details above are provided in good faith. 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: July 2021 (this supersedes all previous publications)