



NS8 METAL TOPCOAT

Duram NS8 Metal Topcoat is a water-based acrylic polyurethane enamel paint for metal. This premium quality enamel combines the strength of polyurethanes and the excellent weather resistance of acrylics, drying to a non-yellowing, long-lasting hard finish. Used in conjunction with the recommended Duram NS metal coatings and primers, NS8 Metal Topcoat will protect metal surfaces from rust for years.

Colours: White, Historical Green, Black and Medium Grey
Gloss Level: Medium sheen

PRODUCT USES

- Protection and decoration of interior and exterior metal surfaces.
- For new or previously painted metal surfaces.
- Topcoat for Duram NS4 Anti-Rust Coating, Duram NS5 Metcote and Duram NS6 Galvanized Iron Primer.

ADVANTAGES

- Water-based enamel topcoat.
- Polyurethane enhanced resulting in a tough surface that does not chalk, crack, flake, fade or yellow over time.
- Excellent UV and weather resistance.
- Abrasion & scratch resistant.
- Resists household chemicals and stains.
- Easy application.
- Good flow and leveling.
- Non-drip.
- Excellent adhesion.
- Low odour.
- Quick drying (2 hours at 25°C).
- Easy to clean, simply use water.
- Non-flammable.
- Environmentally friendly.
- Lead free colour formulations.

COVERAGE

- 7 to 10 m² per litre per coat depending on the surface.

SURFACE PREPARATION

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

- New galvanized iron: New galvanized iron is covered with a temporary protective oil which needs to be washed with Duram NS2 Galvanized Iron Cleaner until a water break-free surface is attained. Rinse well with water and allow to dry. Apply Duram NS6 Galvanized Iron Primer the same day to avoid re-contamination and flash rust. Allow to dry.
- Weathered galvanized iron: Remove any rust by sanding or wire brushing back to bright metal. Clean away sanding dust and any oils and greases with Duram NS2 Galvanized Iron Cleaner. Rinse well with water and allow to dry. Apply Duram NS6 Galvanized Iron Primer the same day to avoid re-contamination and flash rust. Allow to dry.
- Other new metal surfaces: Degrease new metal with Duram NS2 Galvanized Iron Cleaner, rinse well with water and allow to dry. Prime with Duram NS5 Metcote according to instructions to promote paint adhesion. Allow to dry.
- Other previously painted metal surfaces: Remove loose, flaking paint and rust by wire brushing, chipping or sandpapering to expose a bright metal. Wash down well with water and allow to dry. Apply a coat of Duram NS1 Rust Buster to rusted surfaces according to instructions. For maximum protection against future corrosion, apply an intermediate coat of Duram NS4 Anti-Rust Coating. This is especially recommended for humid and coastal environments. Allow to dry.

APPLICATION

- Stir Duram NS8 Metal Topcoat thoroughly.
- Apply using a brush, roller (preferably Mohair) or spray (for spray application, thin with 10% water if required).
- Two coats are recommended for best results.
- Allow thorough drying between coats.

CLEANING

Hands and equipment are easily cleaned in water while wet. Collect spills with suitable absorbent material.

IMPORTANT

- Ambient and surface temperatures must be between 5°C and 35°C during application.
- Do not attempt application if rain is imminent.
- Do not apply directly to bare metal surfaces.
- Do not mix with lime wash or turpentine.
- Duram NS8 Metal Topcoat is water-based and is generally safe to use.

SAFETY PRECAUTIONS

- Keep out of reach of children.
- Not for internal consumption.
- Skin contact: Wash well with water.
- Eye contact: Flush immediately with fresh water for 5 minutes and contact a physician.
- Respiratory problems: Remove affected person to fresh air.

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 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: Prime metal with Duram NS5 Metcote, 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.
- 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
Type	Adhesion promoted acrylic polyurethane
No of components	One
Finish	Medium gloss
Viscosity	90 - 100 Krebs Units
Density	1,2 g/cm ³

Surface dry	2 hours at 25°C
Overcoating time	6 hrs at 25°C
Hard dry	12 hrs plus at 25°C
Solids	Mass: 45% - 50% Volume: 35% - 40%
Flash Point	N/A
Shelf life	18 months
Storage	Under cover in cool, dry conditions

Technical details above are provided in good faith. We are an ISO 9001: 2000 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.

MANUFACTURED BY: DURAM (PTY) LTD

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