



## DATA SHEET METAL COATINGS

# NS7 Heat Resistant Paint

Duram NS7 Heat Resistant Paint resists heat up to 700°C and provides premium protection for high heat surfaces such as fireplaces, braais, stoves and chimneys. Ideal for indoor or outdoor use, this smart paint forms an attractive smooth matt finish that withstands repeated heating. NS7 is self-priming, durable, hardwearing and corrosion resistant.

**Colours:** Black  
**Gloss Level:** Smooth matt finish

### PRODUCT USES

- For fireplaces, braais, stoves and chimneys.

### ADVANTAGES

- Heat resistant to 700°C.
- For indoor or outdoor use.
- Self-priming – no primer required.
- Excellent adhesion.
- Durable and hardwearing.
- Prevents rust.
- Attractive smooth matt finish.
- Superior colour and shade retention after repeated heating.
- Resistant to oils and chemicals.

### COVERAGE

- 6 - 7m<sup>2</sup> per litre per coat. Applied in a 2 coat application. Coverage will vary depending on the porosity of the surface.

### PREP

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

- New metal:
  - 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 metal:
  - Remove loose, flaking paint and rust by wire brushing, chipping or sandpapering to expose a bright metal.
  - Clean away sanding dust, 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

- Duram NS7 Heat Resistant Paint is self-priming, so no special primer is required.

## PROTECT

- New or weathered metal:
  - Stir Duram NS7 Heat Resistant Paint thoroughly with a flat paddle.
  - Apply using a brush.
  - Two coats are recommended for best results
  - Allow thorough drying between coats.
  - NS7 Heat Resistant Paint dries quickly, therefore avoid over working the brush application as this may result in brush marks.

## CLEANING

Equipment is cleaned with turpentine. Collect spills with suitable absorbent material.

## IMPORTANT

- Ambient and surface temperatures must be between 5°C and 35°C during application.
- Painted surfaces may emit smoke and a slight odour the first time it is heated.
- Duram NS7 Heat Resistant Paint may discolour in areas directly exposed to flames, such as inside the fireplace, due to carbon build up.

## 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 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	500ml, 1 litre, 5 litre, 20 litre
Type	Solvent-based silicone resin
No of components	1
Finish	Semi-matt
Viscosity	90 - 100 Krebs Units
Density	1,2 g/cm³
Surface dry	2 hours at 25°C
Overcoating time	6 hours at 25°C
Hard dry	12 hrs plus at 25°C
Volume solids	35% - 40%
Flash Point	27°C
Shelf life	18 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)