

NS7

High Heat Paint

Duram NS7 High Heat Paint is a 2-in-1 primer and topcoat that resists 700°C for new and weathered fireplaces, braais, stoves and chimneys.



PRODUCT USES

- Protective and attractive coating that resists extreme heat - 2-in-1 primer and topcoat.
- New and weathered metal.
- For fireplaces, braais, wood stoves, chimneys, screens and firepits.
- Interior and exterior use.

ADVANTAGES

- Heat resistant to 700°C.
- Convenient 2-in-1 primer and topcoat.
- Excellent adhesion.
- Corrosion protection.
- Durable and hardwearing.
- Attractive smooth matt finish.

- Superior colour and shade retention after repeated heating.
- Resistant to oils and chemicals.

m² COVERAGE

- 2 coats @ 6 - 7m²/litre per coat. Depending on surface conditions.
- A third coat is required for aggressive environments such as coastal and industrial areas.

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

500ml = 1,62m ²	1 L = 3,25m ²	5 L = 16,25 m ²
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SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, salt, algae, fungi, lichens, oil and grease.
- Remove all loose, flaking and embedded rust, mill scale and paint by simply scraping it off with abrasive tools such as course sandpaper, a wire brush, mechanical grinder, or sandblast (SA 2 ½ with a 40 to 50 profile) 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 NS7 High Heat Paint* within 12 hours of surface preparation, and immediately for coastal environments, to prevent contamination and oxidation.

UNPAINTED SURFACES - NEW OR WEATHERED

- **Metal:** *Duram NS7 High Heat Paint* is self-priming, so no special primer is required.

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 cloth and allow to dry.



APPLICATION

- Stir **Duram NS7 High Heat Paint** well using a flat paddle.
- Thinning is not recommended.
- Apply two coats evenly with a brush. **Duram NS7 High Heat Paint** dries quickly, therefore avoid over working the brush application as this may result in brush marks.
- Drying time between coats: 4 - 6hrs.



CLEANING

- **Duram DTM Brush Cleaner and Thinners.**



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.
- Do not mix with water.
- Before first use, obtain full cure by heating to 200°C for 30 minutes. **Duram NS7 High Heat Paint** may emit smoke and a slight odour the first time it is heated.
- Areas directly exposed to flames such as inside the fireplace, may discolour due to carbon build up.
- 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 between 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

- Keep out of reach of children.
- Wear 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.
- Flammable liquid and vapour. In case of fire: Use a fire extinguisher.



SUPPORTING PRODUCTS



Duram
NS2 Galvanized Iron
Cleaner



Duram
DTM Brush Cleaner



YOU MAY ALSO NEED

- 220 Grit Water Paper
- Primers and Undercoats
- 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
- 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
- Medium to heavy pile roller
- Extension pole
- Additional utensils/products may be required in the preparation of surfaces.



TECHNICAL DATA

Pack Size	500ml, 1 litre and 5 litre	Type	Solvent-based silicone resin
No of components	1	Finish	Smooth-matt
Colours	Black	Service Temp	-15°C to 220°C
Viscosity	55-65 Krieb Units	Application Temp	-5°C to 50°C
Touch Dry time	2hours at 25°C	Density	1,2g/cm ³
Recoating time	6hours at 25°C	Flash Point	27°C
Hard Dry	12 hours plus at 25°C	Shelf Life	18 Months
Volume Solids	35%-40%	Storage	Under cover in cool, dry conditions

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: April 2021 (this supersedes all previous publications)