



SilverShield

Duram SilverShield is a reflective bitumen aluminium paint. Used to protect bitumen and torch-on roofing finishes from weather and UV degradation. Ready to use and easy to apply, SilverShield is highly flexible and durable.

Colour: Aluminium

PRODUCT USES

- Reflective coating for Duram Durabit and other bitumen waterproofing.
- To overcoat and maintain roofing felts and torch-on systems.
- General purpose aluminum paint for concrete and steel.
- For new or previously painted surfaces.

ADVANTAGES

- Protects against ultraviolet degradation.
- Weather resistant.
- Highly reflective - reduces heat.
- Ready to use - apply directly.
- Flexible and durable.

COVERAGE

- 7 – 8m² per litre per coat. Applied in a 2 coat application.
- Maintenance Coat: 1m² per litre per coat. Applied in a 1 coat application.

PREPARATION: Bitumen and torch-on roof finishes

- Repair or replace any defective waterproofing finishes before over-painting with SilverShield.
- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, dust, chalk or other loose material.
- New bitumen and torch-on surfaces
 - Must age for 8 weeks before coating.
- Weathered bitumen and torch-on surfaces
 - Must be free of dust, chalking and any other contaminants. Clean with water and scrubbing as necessary. Apply maintenance coat of waterproofing system if necessary.
- No priming is required unless surface is badly weathered or porous then use the first coat of SilverShield as a primer.

PREPARATION: Metal Substrates

- New Galvanized Iron:
 - Wash with Duram NS2 Galvanized Iron Cleaner as per instructions until a water break free surface is attained. Rinse well with water and allow to dry.
 - Prime with Duram NS6 Galvanized Iron Primer and 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 or grease with Duram NS2 Galvanized Iron Cleaner. Rinse well with water and allow to dry.
- Prime with 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 adhesion. Allow to dry.
- Other previously painted metal surfaces:
 - Remove loose, flaking paint and rust by wire brushing, chipping or sandpapering to expose bright metal.
 - Wash down well with water and allow to dry.
 - Apply a coat of Duram NS1 Rust Buster to rusted areas according to instructions. For maximum protection against future rust, apply a coat of Duram NS4 Anti-Rust Coating.

APPLICATION

- Duram SilverShield is ready for use, no thinning required.
- Stir Duram SilverShield well with a flat paddle before and during use to prevent settling of the aluminium flakes.
- Apply using a brush, mohair roller or spray.
- Allow 8 hours drying before applying a further coat.

CLEANING

Clean tools with mineral turpentine.

IMPORTANT

- Do not apply onto Duram195.
- Overcoat only with bitumen aluminium paint.
- Ambient and surface temperatures must be between 10°C and 35°C during application.
- A maintenance coat may be required after 3 years.
- For large areas spray application is recommended.

SAFETY PRECAUTIONS

- Skin contact: Wash thoroughly with soap and water.
- Eye Contact: Flush immediately with water for 10 - 15 minutes and contact a physician.
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician.
- Not for internal consumption.

TECHNICAL DATA

Pack size	1 litre, 5 litre
No of components	1
Overcoating Time	± 8 Hours
Touch dry	± 4 hours
Volume solids	50% to 51%
Service temperature	-15°C to 70°C
Application temperature	10°C to 40°C
Weathering	Good. A maintenance coat is advisable after 3 years
U.V. Resistance	Excellent
Density	1.059 g/cm ³
Toxicity	Non toxic
Flammable	Keep away from sparks, heat and flames
Flash point	38°C
Shelf life	2 years
Storage	Cool, dry area below 25°C

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.

Updated: June 2011 (this supersedes all previous publications)