

# SuperSilverShield®

Bituminous Anti-corrosive Multi-purpose Aluminium Coating



STP Limited

## Description

**SuperSilverShield®** is an anti-corrosive, good heat deflecting; air drying aluminium pigmented bituminous coating.

## Product Information

<b>Form, Colour</b>	Aluminium coloured liquid with silver lustre
<b>Handling &amp; Storage</b>	The material must be stored in a shaded area with minimum exposure to sunlight and UV. The containers should be protected from all sources of moisture, heat, ignition & extreme cold.
<b>Packaging</b>	Available in 20 L drum.
<b>Shelf Life</b>	12 months when stored in unopened sealed conditions away from heat and sunlight.
<b>Handling Precautions</b>	As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

## Technical Characteristics at 25°C, 50% RH

Consistency	Smooth, Uniform, Brushable	Flash point, °C	35
		Touch drying, hours	5 ± 0.5
Recommended DFT / coat	30 to 40 Micron	Specific Gravity	0.97 ± 0.02
Spreading rate, m <sup>2</sup> / L**		Solid Content, % by weight	43 ± 2
• Metal and old surface	9 - 11	Solid Content, % by volume	34 ± 2
• Bituminous surface	7 - 9		
• Brick masonry concrete	5 - 7		

\*\* Depends on surface condition and texture

## Field of Application

**SuperSilverShield®** is used as an exterior protective coating on iron, steel, masonry and other surfaces.

- Used as a decorative and protective coating over tar and bitumen-based finishes to protect them against ultraviolet degradation.
- It is the recommended protective finish for bitumen-type waterproofing roof materials.
- Also used for general steelwork for better heat reflectivity.

## Advantages

- Deflects UV rays and prevents degradation of membrane arising out of exposure to sunlight.
- Highly reflective.
- Goes on directly to surfaces without priming.
- Bitumen content adds to water resistance of the coating.

## Application Information

- ✓ **Substrate Temperature** +10°C Min / +40°C Max
- ✓ **Ambient Temperature** +10°C Min / +40°C Max
- ✓ **Substrate Moisture Content** < 5%

## Application Methodology

### ➤ Surface Preparation

- Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface before applying **SuperSilverShield®**.
- Undercoat is not necessary for its application

### ➤ Material Preparation

- Undercoat is not necessary for its application.
- As the aluminium pigment settles very easily **SuperSilverShield®** must be stirred well before use with a flat paddle to an even consistency.

### ➤ Application of Material

- Apply **SuperSilverShield®** on the prepared surface by brush / roller / spray.
- Apply 1 or 2 coats allowing overnight drying between coats.
- **SuperSilverShield®** can be applied over old painted surfaces without burning off or scraping, provided the old surface is not in a flaky condition.

### Precautions

- Avoid excessively thick applications which will retard drying time.
- Coat **SuperSilverShield®** in **one direction only and not in any criss-cross direction**.
- Not a heat resistant aluminium finish.
- **SuperSilverShield®** must not be applied to roofs that act as catchments for drinking water at all.
- Cannot be over coated with emulsion paint.
- Product should not be applied to areas which will remain submerged under water.
- A maintenance coat after 2 - 3 year after completion of the project will be required for continual protection and correct product performance.

### Value base of product data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

### Health and Safety information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet**.

- Ensure good ventilation during application and drying.
- Do not smoke while painting.
- Flammable, so store in a cool dry place away from heat and sparks.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.

### Cleaning & Maintenance

Clean all tools immediately after use with STP Thinner only. Do not allow the material to harden.



**STP Limited**  
*Enhancing Structures' Life*

#### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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