

# Technical Data Sheet

## Sopraglaze – Roof Membrane Clear Coating System



### DESCRIPTION:

Sopraglaze is a non-yellowing styrene acrylate copolymer emulsion which displays a relatively tough but flexible film that is highly resistant to water and alkali.

Sopraglaze was designed for the specific purpose as a sealer to lock in the aggregate finish of the Soprema Membrane systems and is deemed safe for the collection of rainwater from the Soprema Membrane roof.

Sopraglaze may also be used on aggregated roof shingles.

### TYPICAL FEATURES | BENEFITS:

- Water-based.
- Non-flammable.
- Excellent ease of use- single component.
- Excellent flow and adhesion properties.
- Non-yellowing
- Non-toxic.
- Exterior use.
- Attractive Surface Finish – soft gloss.
- Good water and wear resistance once cured.
- Excellent UV stability

### PERFORMANCE DATA:

|  |                 |
|--|-----------------|
| Minimum Application Temperature: Air       | +10°C           |
| Maximum Application Relative Humidity: Air | 85%             |
| Appearance                                 | Translucent wet |

### RECOMMENDED USES:

- Sealer coat for Soprema Membranes
- Sealer Coat for Aggregate coated Roof shingles

### LIMITATIONS:

- Application below +10°C.
- Application to incorrectly prepared surfaces.
- Application in very cold, damp conditions.
- Application to unsound substrates.
- Contact with water within 36 hours after application.

### HEALTH & SAFETY: Refer safety data sheets (SDS).

- Wear gloves and suitable skin protection.
- Wear appropriate eye protection.

### SUBSTRATES:

All substrates shall be stable and solid

**PRODUCT PROPERTIES:**

|                      |   |  |
|----------------------|---|--|
| Pot Life             | +20°C ~75%RH  | 3 hours (once poured into an application vessel) |
| Touch Dry            | +20°C ~75%RH  | 1 hour   |
| Hard Dry             | +20°C ~75%RH  | 72 hours   |
| Recoat time          | ~ Minimum<br>~ Maximum  | +20°C ~75%RH<br>1 hour<br>36 hours               |
| Full Cure            | +20°C ~75%RH  | 4 - 7 days                                       |
| Viscosity (KU)       | 60- 65  |  |
| pH                   | 9.0 – 10.0  |  |
| SG                   | 1.03  |  |
| Unaffected by water  | >48 hours   |  |
| Solid Content        | 30-35%  |  |
| Thinning             | Not Recommended   |  |
| Clean Up             | Warm soapy water before product dries.  |  |
| Dangerous Good Class | Not Regulated   |  |
| Packaging            | 20 litre plastic pail   |  |
| Shelf life           | 12 months from date of manufacture<br>(After this time consult with allnex Construction Products) |  |

**SURFACE PREPARATION:****Soprema Membrane:**

Ensure the surface is free from mould and contamination.  
Remove all loose aggregate.  
Do **not** solvent wipe.

**Roof Shingles:**

Ensure the surface is free from mould and contamination.  
Remove all loose aggregate.  
Do **not** solvent wipe.

**SOPRAGLAZE COVERAGE**

| Coverage                                      | 20 litre unit                         |
|---|---------------------------------------|
| Unit Coverage @ 6m <sup>2</sup> / litre /coat | ~ 1 x coat<br>~ 2 x coats             |
|   | 120m <sup>2</sup><br>60m <sup>2</sup> |

**MIXING OF MATERIAL**

Stir the product before use. However, **stir slowly** so as **not** to incorporate air.

**APPLICATION METHOD:**

Roller | Brush | Conventional Spray | Airless Spray

Apply by chosen method ensuring a wet edge is kept throughout the entire application process.  
Apply thin even coats.  
Allow gentle cross ventilation which allows the migration of fumes and the support of the drying process.  
Subsequent coats can be applied as soon as the surface is dry and can be walked upon.  
Do not allow dust etc. to blow onto the wet surface.

**CAUTION:**

- Do not return unused product to container as this may cause gelling of the product in the container.
- Do not flood coat.
- Requires good ventilation and cross air movement to aid drying

## SUBSEQUENT RECOATING:

This product may be refinished at any stage.

Clean the surface, **Do not** solvent wipe. Two coats are generally necessary.

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Replaces: NA

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The logo for Allnex, featuring the word "allnex" in a bold, white, sans-serif font. Above the letters "i" and "l" in "all", there is a small red and green graphic element.

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