

SOPRA GUARD

Description

SOPRA GUARD is a single component, acrylic based coating for external and internal applications that enhanced reflectivity over variety of concrete and masonry substrates.

Recommended Uses

SOPRA GUARD can be used in the following applications:

- Retaining walls.
- External concrete.
- Multi story buildings and villas.
- Pre-cast elements and concrete cladding.
- Commercial and Industrial complexes.
- Interior and exterior application.
- Masonry parapet.

Features and benefits

- Easy to use (Single component)
- Protective barrier against chloride ions, carbon dioxide and water.
- Durable and highly resistant to UV rays and weathering.
- Good impact resistance.
- Available in a wide range of decorative colours.
- Colour stable.

Standards Compliance

SOPRA GUARD complies with ASTM 4587 & ASTM D1210.

Packaging

SOPRA GUARD is available in 5 liter or 20 liters pail.

Storage

SOPRA GUARD has a shelf life of 12 months. Store away from direct sunlight.

Technical Information

Colour	White, Red, Grey, Brown and many colours
Density	1350 kg/m ³
Solid content	50-55%
UV resistance (ASTM 4587)	Pass
Particle size (ASTM D1210)	30 ± 2 micron
Application temperature	5-40 °C

Application Instructions

a) Surface preparation

The surface should be free of frost, curing membranes, oil stains, grease, paint and dust. Surfaces containing slight surface imperfection or blowholes should be filled with a skim coat of cementitious repair mortar. Deep defected areas should be repaired with cementitious repairing mortars.

b) Application

It is recommended to apply two coats of **SOPRA GUARD** for better durability.

The first coat can be diluted by up to 10% with clean water depending on the surface porosity.

The second coat can be applied within 3 hours depending on the ambient temperature. Coating can be carried out using roller, brush or airless spray machine.

c) CLEANING OF TOOLS

Tools and application equipment should be cleaned with water immediately after use. Hardened material can only be removed using solvent cleaning products.

Precautions

SOPRA GUARD is non-hazardous material. It should not be swallowed or come in direct contact with skin or eyes. Suitable protective glasses and gloves should be worn during application. In the case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice if irritation occurs. When contact with skin occurs, wash of immediately with clean water and soap. If swallowed, seek medical emergency immediately, do not induce vomiting.

Technical Support

Sopra provides on-site assistance and consultation services on projects if required. Technical Datasheets on other **Sopra** products and guidance on their use are available on request or on our website.

Warranty

The information relating to the application and end-use of **Sopra** products, are provided in good faith based on **Sopra's** current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with **Sopra** recommendations. In practice, the differences in substrates and actual site conditions are such that no warranty in respect of sale for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must do their test to insure that the product is suitability for the intended application and purpose. The company reserves the right to change the properties of its products without prior notice.