



# SOLIDCOAT PAINT

Protective, Decorative, Anti-Carbonation Paint for Interior and Exterior Surfaces



## BENEFITS

- > Anti-carbonation properties.
- > Good weathering properties.
- > Excellent bond with concrete substrate.
- > Form flexible film.
- > Crack bridging properties.
- > Allows substrate to breathe.
- > Choice of colors.
- > Single pack, brush applied.
- > Non-toxic / non-flammable.
- > Excellent waterproofing coating.
- > Up to 10 years protection.
- > Heat Reflective Properties up to 5 °C on substrate.

## DESCRIPTION

**SOLIDCOAT PAINT** is ready to use aliphatic elastomeric based coating containing special polymers and fillers. **SOLIDCOAT PAINT** provides extremely tough protective decorative paint that allows surface to breathe. **SOLIDCOAT PAINT** has been specially designed for the decoration and protection of concrete against attack from atmospheric carbon dioxide, airbourne chlorides, acid rain and weathering. **SOLIDCOAT PAINT** is non flammable and hence can be use in interiors also. The paint also conforms to **SIRIM Standards**.

**SOLIDCOAT PAINT** has excellent adhesion to the substrate and cures to form a flexible film that allows the surface to breathe and acts as carbon dioxide barrier thus protecting the concrete in aggressive weather conditions. It has excellent crack bridging ability and forms an extremely durable film.

## USES

**SOLIDCOAT PAINT** provides a smooth decorative durable coating for concrete and masonry surface like big commercial buildings, public places, residential buildings etc.

## PACKING & COVERAGE

**SOLIDCOAT PAINT** is supplied in 5 and 18 liter plastic bucket and will have coverage of 0.35 liter / m<sup>2</sup> / 2 coats (recommended DFT 200 microns). The coverage of **SOLIDCOAT PAINT** depends on the surface.

## SPECIFICATION

**SOLIDCOAT** is a ready to use aliphatic elastomeric based coating containing special polymers and fillers having a coverage of 0.35 liter / m<sup>2</sup> / 2 coats in accordance with the instruction of **SOLID**.



## PROPERTIES

Surface Finish	Matte / glo
Fire Resistance	Non-flammable
Application Temperature	3 ~ 40 °C
Drying Time Touch Dry	1 / 2 hours to 1 hours (depends upon temp. and humidity)
Thorough Dry	2 hours
Carbon Dioxide Diffusion	690,000 (based on Resistance Factor (u) Engelried technique)
Equivalent to Air Thickness (R)	200 m at a film thickness of 209 microns
Effective Barrier to Carbon Dioxide (R)	> 50 m

## SHELF LIFE & STORAGE

**SOLIDCOAT** will have a shelf life of 36 months in unopened container when kept in dry conditions at a temperature between 5 ~ 45 °C. Storage at higher temperature or high humidity may reduce shelf life.

## HEALTH & SAFETY

If skin contact occurs wash thoroughly with clean water and if eyes contact occur immediately clean with plenty of clean water and seek medical advice. Full health and safety details are given in product safety datasheet.

*Disclaimer: The image of product in the brochure is not necessary the same as actual.*

# SOLIDCOAT PAINT



## HOW TO USE

**Surface Preparation :** Substrates must be clean, sound and free from dust and loose particles. All holes and cracks must be filled with a suitable filler. All traces of oil, grease or other contaminations must be removed. The new concrete surface must be at least 14 days old before coating if in doubt, allow full curing to take place for 28 days before application of **SOLIDCOAT PAINT**.

**Priming :** On any substrate, ensure that the substrate is sound and primed with **SOLID ECOPRIME**. When it is tacky or touch dry (ie. after 1 ~ 2 hours), apply **SOLIDCOAT PAINT** on the primed surface. If dealing with chalking issue, recommended to apply **SOLIDPRO SEALER**.

**Application :** Stir the material in the container thoroughly and spread evenly with a brush, roller or airless spray. Avoid application during rainy weather. In hot, dry weather, dampen unpainted surfaces with water to prevent **SOLIDCOAT PAINT** drying too rapidly. The surface texture and porosity must be taken into account while estimating quantities.

**Cleaning :** Tools should be cleaned with water immediately after use.

## QUALITY ASSURANCE

**SOLID** manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

## TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

**Disclaimer :** The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local **SOLID** representative.



### FACTORY OFFICE

Lot 772 (10-14), Jalan Subang 4, Kawasan Perindustrian Sg. Penaga  
47620 Subang Jaya, Selangor Darul Ehsan, MALAYSIA.

+603-8081 4777 / 4776

+603-8081 4771

info@solidsolutions.com.my www.solidsolutions.com.my