



# SOLIDSEAL

Universal Silicon Based Water Repellent



## BENEFITS

- > Easily applied water repellent treatment giving a self-cleaning, hydrophobic surface to masonry, concrete and asbestos sheeting.
- > Excellent water repellent.
- > Excellent resistant to UV light.
- > Minimises efflorescence and prevents growth of fungus.
- > Economical.
- > Very easy to apply.
- > Prevents entry of moisture into the walls, but allows the surface to breathe.
- > Colourless hence maintains natural colour of walls.
- > Available in solvent-based (only upon request).

## DESCRIPTION

**SOLIDSEAL** is a ready to use, silane siloxane based repellent which penetrates in concrete or cementitious substrates pores, providing an effective water repellent protective coating. Its UV resistant properties makes the film durable for outdoor use. The use of silicone retards or prevents changes in the surface appearance by resisting the deterioration effects occurs due to atmospheric attack. Due to its excellent water repellent properties, dirt and other atmospheric impurities are washed off by rain and its clean appearance is maintained for a longer period. Also, **SOLIDSEAL** prolongs the clear appearance of buildings and minimises efflorescence.

## USES

**SOLIDSEAL** is suitable for external application to exterior walls of brick or concrete blocks, cement renderings, asbestos cement, concrete and all types of stone, including limestone. Also used as an injection dampcourse fluid and provides a durable barrier to water penetration of porous surfaces.

## PACKING & COVERAGE

**SOLIDSEAL** is available in 5 and 20 liter plastic bucket. 1 liter of **SOLIDSEAL** will cover approx. 0.2 liter / m<sup>2</sup> / coat of surface depending upon porosity and surface texture. Normally one coat is sufficient.



## PRODUCT

**SOLIDSEAL** is a silicone based water repellent for exterior surfaces with performance meeting the requirement of **BS-6477:1984, Groups 1 and 2**.

## SHELF LIFE & STORAGE

**SOLIDSEAL** will have a shelf life of 12 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

**SOLIDSEAL** is non-toxic and non-flammable. However, splashes on skin when occurs should be washed with water.

## HOW TO USE

**Surface Preparation :** All surfaces to be treated must be sound, clean and dry. Any defects and cracks, other than hair line cracks, should be made good. Dirty surfaces should be thoroughly cleaned and organisms such as algae or lichens should be removed. In no circumstances should detergents be used as they may reduce the efficiency of the treatment. The surface should be allowed to dry before the application of **SOLIDSEAL**. should not be applied over mastics surfaces Glass, etc. should be protected against splashing during application.

**Application :** **SOLIDSEAL** is supplied ready for use. Apply by brush or low pressure spray. The **SOLIDSEAL** should be applied liberally so that it runs freely down the surface to about six inches below the point of application. When applying by spray, the pressure should be kept as low as possible to avoid excessive misting, and the nozzle held close to the surface. **SOLIDSEAL** dries within a few hours and becomes fully resistant to water 24 hours after application. Brushes, spray equipment, etc. may be cleaned with water.

## 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