



# SOLIDFLEX TIC

High Performance, Insulating Polymerised Waterproofing Coating



## BENEFITS

- > Prepacked factory controlled, ensures consistent quality.
- > Excellent resistance to water provides good insulation property (up to 8 °C variation).
- > Minimum surface preparation is required.
- > Can be applied on horizontal and vertical surfaces.
- > Excellent flexibility.
- > Easy to apply.
- > Excellent bonding with the cement base substrates.
- > Durable and high UV resistance.
- > Non toxic and corrosion resistant thus eco-friendly.
- > Available in attractive white color.

## DESCRIPTION

**SOLIDFLEX TIC** is a single component micro-spheric polymer based waterproof coating, specially designed to ensure water tightness with insulating properties. The product has been formulated to provide flexibility to cover thermal and shrinkage stresses. Hence, the coating is frost resistant and can be used on both vertical and horizontal surfaces.

## USES

**SOLIDFLEX TIC** can be used as a thermal insulation coating on concrete metal surfaces, roof slabs and walls of building. It can also be used on interior and exterior walls, roof of freezer rooms and cold storage facilities.

## PACKING & COVERAGE

**SOLIDFLEX TIC** comes in a 20 liter plastic bucket, which covers approx 0.4 liter / m<sup>2</sup> / 2 coats depending on the substrate porosity level.

## SPECIFICATION

**SOLIDFLEX TIC** is a high performance, insulating polymerised waterproof coating applied at the rate of 0.4 liter / m<sup>2</sup> / 2 coats strictly in accordance with the instruction of **SOLID**.



## PROPERTIES

Color	White color
Surface Drying Time	25 ~ 30 minutes @ 30 °C
Over Coating Time	3 ~ 4 hours
Service Temperature	5 ~ 45 °C
Hardness Shore A	65
Water Penetration	No water penetration
UV Exposure 2000hours	No
Thermal Conductivity	0.09 W / M °C
Heat Reflectance	> 99%
Emittance	0.89

## SHELF LIFE & STORAGE

**SOLIDFLEX TIC** 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

**SOLIDFLEX TIC** is non toxic and alkaline in nature but any splashes on the skin should be washed off with water.

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## HOW TO USE

**Surface Preparation :** All seepage and water leakages must be stopped using **SOLID WATERPLUG** plugging compound (refer relevant data sheet). Substrate must be sound, clean and free from loose particles or contamination and preferably be wire brushed. Where cracks are present, cracks must be repaired by using suitable crack sealing compound depending on the type of crack preferably **SOLIDFIX**. Stirring should be done during application.

**Mixing :** **SOLIDFLEX TIC** should preferably be mixed mechanically by using an electric drill.

**Application :** The prepared surface must be thoroughly wet with water for absorption and excess water to be removed. **SOLIDFLEX TIC** must be applied in 2 ~ 3 uniform coats. Mixing in small quantities is recommended.

**Cleaning :** All tools must be cleaned with water immediately after use. Hardened material should be removed mechanically.

## 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