



# SOLIDPRO

A High Strength Acrylic Polymer Coating for Concrete And Metal



## BENEFITS

- > Ready to use can easily be applied by brush or roller.
- > Good chemical and abrasion resistance.
- > Seals and dust proofs the surface.
- > Compatible with most substrate finishes.
- > Provides easily cleanable floor surfaces.
- > Internal and external use.
- > Resistant to ultra violet radiation.
- > Excellent adhesion to concrete and masonry surfaces.
- > Applicable on aluminium composite panels.

## DESCRIPTION

**SOLIDPRO** is a single pack, solvent borne, acrylic resin based surface sealer and dustproof for concrete. When applied to freshly placed concrete, **SOLIDPRO** functions as a curing membrane, reducing any tendency towards drying shrinkage cracks. At the same time the surface becomes sealed against the ingress of oils and many aqueous chemical and a hard wearing floor is produced. When applied to old / aged concrete floors, **SOLIDPRO** penetrates into the pore structure thereby sealing and dust-proofing the surface. Having excellent adhesion to concrete, **SOLIDPRO** allows the application of subsequent paint / coating treatments, thereby minimizing surface preparation requirements.

## USES

As a curing and sealing treatment to new concrete and as a sealing and / dust-proofing treatment to old concrete, to provide a sealed and dust proof surface with resistance to the ingress of oil and chemical spillages. As a primer / sealer for subsequent to top coating.

**Where to Use :** Industrial workshops, car parks, warehouses, garages etc.

## PACKING & COVERAGE

5 and 20 liter metal pail, coverage is very much dependent on the porosity of the substrate. For new concrete, apply at the rate of 0.3 liter / m<sup>2</sup> / 2 coats. To eliminate the curing process, apply 2 ~ 3 coats in recommendation as it provides as perfect sealing and abrasion resistance to surface.



## LIMITATIONS

- > Apply only in ventilated areas.
- > Do not apply in areas where food stuffs are stored during application.
- > Do not apply externally if rain is likely during application.

## SHELF LIFE & STORAGE

**SOLIDPRO** 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

**SOLIDPRO** is a flammable material (flash point at 40 °C). Avoid exposure to naked flame or sources of ignition. For specific advice regarding any aspect of this product, please consult out technical section.

## HOW TO USE

### Surface Preparation :

- A) Old concrete shall be sound and free from oil, grease, laitance and other contaminants. Previously applied paint or curing membrane must be removed. Wash the floor with a detergent solution followed by clean water, and then allow to dry prior to sealer application.
- B) Over new concrete **SOLIDPRO** may be applied 15 minutes after the final finish.

### Application :

- A) Over old concrete, apply a coat of **SOLIDPRO** by brush or roller, squeegee or spray at a nominal rate of  $8 \sim 10 \text{ m}^2 < / \text{litre}$ . Avoid the formation of puddles of excess material, after a minimum period of 12 hours a second coat shall be applied at a rate of  $12 \sim 14 \text{ m}^2 < / \text{litre}$ .
- B) Over new concrete apply **SOLIDPRO** by spray at nominal rate of  $6 \sim 8 \text{ m}^2 < / \text{litre}$ . Ensure that the material is applied evenly and avoid the formation of puddles of excess material on the surface. In hot or windy conditions a second coat of **SOLIDPRO** should be applied on following day at a nominal rate of  $8 \sim 10 \text{ m}^2 < / \text{litre}$ .

**Cleaning :** Clean all equipments using thinner.

**Drying / Curing :** **SOLIDPRO** will be tack free in 2 ~ 4 hours and hard dry after 48 ~ 72 hours in conditions of good ventilation.

## 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.



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