



SOLID DAMP-PROOF

High Build Hybrid and Solvent Free Polyether Damp-Proof Coating



BENEFITS

- > Can be used steel, galvanised steel substrates and has excellent adhesion.
- > Superior corrosion resistance.
- > Good adhesion to marginally prepared surface.
- > Excellent over coating characteristics.
- > Superior water resistance, fresh or salt water.
- > Available in different colours.
- > Can be used for rebars-does not affect bonding of concrete with steel.
- > Chemical resistant.

DESCRIPTION

SOLID DAMP-PROOF is a single part hybrid polyether based solvent free technology that aims to protect your existing damp surfaces from moisture. The product is formulated to tackle moisture concerns in several types of construction, be it from a high rise building wall or a residential ground floor. The product not only sets fast but perform incredibly well even under wet conditions.



USES

SOLID DAMP-PROOF is used to protect steel surfaces and for enhanced resistance to oil, grease, water penetration, abrasion and chemical attack. Corrosion resistance coating for structural steel, storage tanks, and equipment in refineries, pulp and paper mills and chemical plants.

PACKING & COVERAGE

Packing : 1, 5 and 15 kg metal pail.
Coverage : 8 ~10 m² per liter.

TYPICAL PROPERTIES

Sr.No	Properties	Specification
1	Color	White / Grey
2	Pot Life	45 minutes at 30 °C
3	Touch Dry	2 hours at 30 °C
4	Recoatable	2 hours at 30 °C
5	Density	1.08

SHELF LIFE & STORAGE

SOLID DAMP-PROOF has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 ~ 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

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HOW TO USE

Surface Preparation : Laitance and contamination to be removed by totally enclosed shot blasting or light scarification. All residues must be removed including vacuum cleaning to provide a dry, dust-free open textured surface. Porous floors (high air cavities) will need two coats of primer.

Substrate Requirements : Surfaces to be primed must be :

- > Dry to a moisture content below 75% RH as per BS 8203 : 1987.
- > Clean, free from oil or other contamination. Sound and of adequate strength for the proposed end use.
- > Profile appropriate for the topping to be applied
- > Free from laitance.

Mixing : Mix properly for 3 minutes with a slow- speed drill and wing style mixing paddle at 300 ~ 400 rpm until a homogeneous colour is achieved. Keep the paddle below the surface to avoid entrapping air. Do not mix by hand.

Application : Once mixed, the material should be immediately applied by brush or roller ensuring that a continuous coating is obtained.

Cleaning : Tools and equipment should be cleaned with **SOLID TOOL CLEANER** 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.



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