



SOLIDFLEX CRYSTAL

Crystalline Based Cementitious Waterproofing Coating



BENEFITS

- > Economical and easy application.
- > Excellent adhesion.
- > Non toxic.
- > Allows surface to breath.
- > Excellent waterproofing characteristics.
- > Contains no chloride.
- > Penetrates concrete, seals capillary tracks through crystalline technology.

DESCRIPTION

SOLIDFLEX CRYSTAL is a prepacked single component powder based on processed cements and special fillers that can be brush applied to well prepared sound substrates to provide extremely tough durable waterproof coating. It is to be applied @ 2 ~ 3 mm thickness for water tanks, basements etc., where water under hydrostatic pressure exists. **SOLIDFLEX CRYSTAL** can be used in conjunction with **SOLIDFLEX FBR**.

USES

SOLIDFLEX CRYSTAL is used for all structures which are required to be waterproofed and protected against the ingress of moisture like basements, lift shafts, water tanks, swimming pools, sewage tanks, retaining walls, reservoirs, bridge piers, dams, tunnels, dock gates etc.

PACKING & COVERAGE

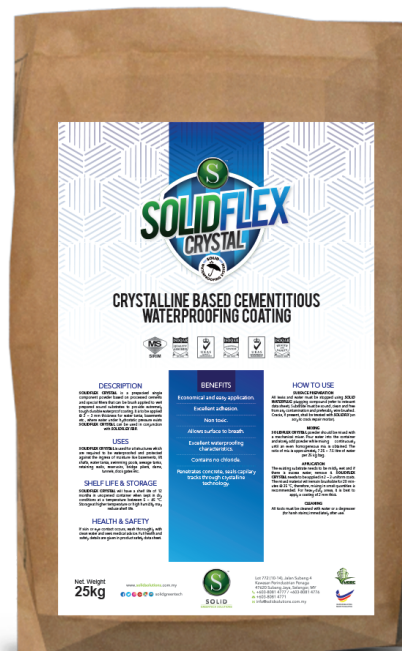
SOLIDFLEX CRYSTAL is available in 25 kg HDPE bag. It has a coverage of 16.5 ~ 25 m² at a rate of 1 ~ 1.5 kg / m², depending on the porosity of the surface. It is recommended to apply two to three coats.

SHELF LIFE & STORAGE

SOLIDFLEX CRYSTAL 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

If skin or eye contact occurs, wash thoroughly with clean water and seek medical advice. Full health and safety details are given in product safety data sheet.



HOW TO USE

Surface Preparation : All leaks and water must be stopped using **SOLID WATERPLUG** plugging compound (refer to relevant data sheet). Substrate must be sound, clean and free from any contamination and preferably wire brushed. Cracks, if present, shall be treated with **SOLIDFIX** (an acrylic crack repair mortar).

Mixing : **SOLIDFLEX CRYSTAL** powder should be mixed with a mechanical mixer. Pour water into the container and slowly add powder while mixing continuously until an even homogeneous mix is obtained. The ratio of mix is approximately 7.25 ~ 7.5 litre of water per 25 kg bag.

Application : The existing substrate needs to be mildly wet and if there is excess water, remove it. **SOLIDFLEX CRYSTAL** needs to be applied in 2 ~ 3 uniform coats. The mixed material will remain brushable for 20 minutes @ 35 °C, therefore, mixing in small quantities is recommended. For heavy-duty areas, it is best to apply a coating of 2 mm thick.

Cleaning : All tools must be cleaned with water or a degreaser (for harsh stains) immediately after use.

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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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