

### PRODUCT INFORMATION

#### SPECIFICATIONS

**VYPROOF 1010** complied with DIN 1048, BS 6920, ASTM C321.

#### PACKAGING

comp (A) plastic sack 20 kg, comp (B) plastic pail 5 kg

#### COVERAGE

2.0 kg/m<sup>2</sup> minimum / 4.0 kg/m<sup>2</sup> maximum. Consumption depends on substrate roughness, surface profile, wastage etc. For water retaining structures, use total of 4.0 – 8.0 kg/m<sup>2</sup> of depending on water head. Apply a minimum of two coats. For damp proofing, use a minimum of 2.0 kg/m<sup>2</sup>

#### SHELF LIFE

12 months if stored in original unopened packs.

#### STORAGE

**VYPROOF 1010** should be stored in clean ground over plastic or wooden pallets out from direct sun light and moisture at temperature between +5°C to +35°C

### DESCRIPTION

**VYPROOF 1010** is a cement based, polymer modified, 2 component, multipurpose waterproofing slurry. **VYPROOF 1010** combines a crystallization action and pore blocking effect with the excellent waterproofing ability of special polymers, fillers, and properly graded aggregates. Suitable for use in tropical and hot climatic conditions.

### TYPICAL APPLICATIONS

**VYPROOF 1010** is used as an economical and easy to use waterproofing slurry both for external and internal applications.

**VYPROOF 1010** is suitable for the following applications:

- Basements and lift pits
- Retaining walls and bridge structures
- Sea walls and irrigation channels Water and sewage works, such as tanks and man holes Balconies, bathrooms etc.
- **VYPROOF 1010** can be used against positive and negative water pressure.

### FEATURES

**VYPROOF 1010** is part of a complete **VYCON** System for the economical water proofing of water containment structures.

**VYPROOF 1010** offers the following advantages:

- Water proof - suitable for water retaining structures .
- High resistance to the effects of long term weathering .
- Durable in all climatic conditions including UV attack.
- Flexible with similar expansion similar to concrete .
- Covers honeycombed and pitted poured concrete effectively.
- Good abrasion resistance.
- Waterproof coating for water tanks and reservoirs

### TECHNICAL PROPERTIES

|                            |                                     |
|----------------------------|-------------------------------------|
| COLOR                      | Grey - white other color on request |
| DENSITY                    | 2 ± 0.1 kg / L                      |
| TENSILE STRENGTH ASTM C307 | 3.75 N/mm <sup>2</sup>              |
| FLEXURAL STRENGTH          | 11 N/mm <sup>2</sup>                |
| BONDING STRENGTH           | 3.5 N/mm <sup>2</sup>               |
| CHEMICAL RESISTANCE        |                                     |
| CL                         | No effect                           |
| NAOH 40 GM/L               | No effect                           |
| NAOH (SO4)2 12 H2O @ 23° C | No effect                           |
| NAOH (SO4)2 12 H2O @ 60° C | No effect                           |

### INSTRUCTION FOR USE

#### Surface preparation

All surfaces should be dry and free from contamination such as oil, grease, Loose particles, decayed matter, laitance, and all traces of mould release Oils and curing compounds. This is best achieved by lightly grit-blasting the Surface. It is essential that all surfaces to be treated, be pre-soaked with clean water prior to application of **VYPROOF 1010**.

#### Mixing

Pour the liquid part in a bucket then add the powder to liquid till getting Suitable consistency. Small quantities can be mixed by hand in a bucket. Large quantities can be mixed by Mixer.

#### Application

Apply the mixed products to the well prepared surface of concrete or masonry by stiff brush and apply one or two coats as required. Spray or trowel applications can be used. The coating should be applied in two coats to achieve a total dry film thickness Of not less than 2mm.

Areas subjected to light foot traffic should receive minimum 2mm thickness and an additional 2mm coating should be applied to areas of moderate to heavy pedestrian conditions

### CLEAN UP

Clean all tools and application equipment immediately with suitable solvent

### TECHNICAL SUPPORT

For any technical support, please consult **VYCON** office or visit our website <http://www.vycon-eg.com>

### HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes

**WARRANTY:** **VYCON CONSTRUCTION CHEMICALS** warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date or receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, **VYCON** will replace the product with no cost to the client. **VYCON** doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.



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