

## PRODUCT INFORMATION

### SPECIFICATIONS

**VYPROOF 1020** complied with DIN 1048, BS 6920, ASTM C321.

### PACKAGING

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

### COVERAGE

2 – 2.5 kg/m<sup>2</sup> /2 coats [2mm DFT]

### SHELF LIFE

12 months if stored in original unopened packs.

### STORAGE

**VYPROOF 1020** should be stored in clean ground over plastic or wooden pallets out from direct sun at temperature between +5 °C to +35 °C

## DESCRIPTION

**VYPROOF 1020** is a cement base, two components polymer modified water and damp proofing slurry. **VYPROOF 1020** is economical and easy to apply for internal and external water and damp proofing.

## TYPICAL APPLICATIONS

**VYPROOF 1020** is used as protective and water proofing slurry for :

- Sewages treatment facilities
- Irrigation units
- Concrete drinking water tanks
- Water treatment facilities
- Ceiling, wet rooms and kitchens
- Swimming pools, bridges, sea walls, terraces, balconies and basements

## FEATURES

- Two components slurry
- Positive and negative water proof
- Good adhesion and bond strength
- Increase frost and salt resistance
- Chlorine and sulfate free
- Non- toxic
- Non-corrosive to steel

## TECHNICAL PROPERTIES

COLOR	Grey - white	
DENSITY	2 ± 0.05 kg / L	
POT LIFE	30 min	
COMPRESSIVE STRENGTH	30 N/mm <sup>2</sup>	after 28 days cured
FLEXURAL STRENGTH	6 N/mm <sup>2</sup>	after 28 days cured
BONDING STRENGTH	2 N/mm <sup>2</sup>	after 28 days cured
HYDROSTATIC PRESSURE	(positive 5 bar & negative 3 bar )	
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

- All substrates must be sound, clean, dry and free from grease, oils and dirt
- For old surfaces we recommended moisturize surface with water
- Vertical skirting of 20 – 30 cm high must be installed
- Place component (B) into a clean pail then add powder component (A) step by step and stir using electric drill with 300- 500 rpm till obtain good homogenous slurry without any lumps
- Apply 2 coats perpendicular to each other using brush
- Allow 72 hours air cure before subject to submersion
- All tools should be cleaned with water after use

## CLEAN UP

Clean all tools and application equipment immediately with suitable solvent

## PRECUATIONS

- **VYPROOF 1020** powder is cement based and may be irritating to the skin and eyes.
- Gloves and eye protection should be worn.
- The use of dust masks is recommended.
- **VYPROOF 1020** Liquid is non toxic, but should not be ingested as it is based on acrylic polymers.
- Accidental splashes of the material to the skin or eyes should be immediately washed off with clean water.
- In the event of prolonged irritation, seek medical advice.
- In the case of ingestion give water or milk to drink and treat symptomatically.
- Medical advice should be sought.
- A Material Safety Data Sheet for this product is available on request

## 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.

