

ROCKPROOF X2P

POWDER INTEGRAL WATERPROOFING
ADDITIVE FOR MORTAR AND CONCRETE

**V
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TEX**

Formerly Pagel Pakistan

PROPERTIES:

- Concrete containing ROCKPROOF X2P is resistant to water penetration either under conditions of hydrostatic Pressure or capillary absorption
- Durability is increased due to a significant Reduction in w/c ratio
- Sulphate attack is reduced due to the Sulphate bearing ground water being Resisted
- The cohesive properties of the concrete are Improved thus reducing segregation and Bleeding
- Concrete of similar workability to a control mix produced with ROCKPROOF X2P is easier to place
- Pump ability of concrete is greatly Improved
- The surface finish of the concrete is improved
- It disrupts the cellular network within the concrete and mortar mass (capillaries), which are normally, inter-connected thereby reducing permeability.

FIELDS OF APPLICATION:

- ROCK PROOF X2P should be used in all structural concrete that is constantly or intermittently in contact with water such as sea walls tunnels, structural and pre-cast concrete in exposed superstructures.
- ROCKPROOF X2P is used to waterproof cement and sand renders for walls facades , floor toppings and jointing mortars

ADMIXTURES

SPECIAL ADMIXTURES

SURFACE IMPROVEMENT

GROUTS

WATER PROOFING

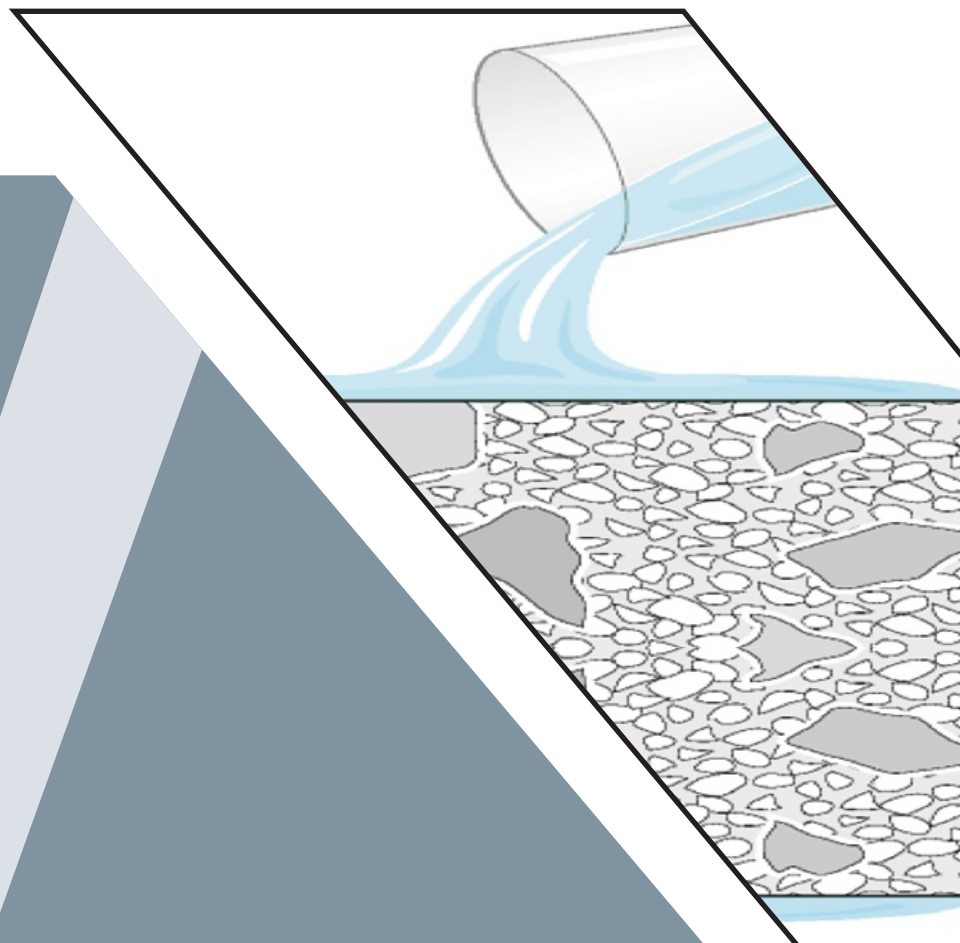
FLOORING

INDUSTRIAL COATINGS

JOINT SEALANTS

REPAIR / CRACK INJECTION

TILING SYSTEMS



TECHNICAL DATA:

TYPE

Color

X2P

Off white powder

chloride content to BS5075 :1982

Nil

nitrate content consumption with 100kg cement specific gravity

Nil

2-4Kg

N/A

air contents

2 ± 1% according to Grading of sand and Water content

freezing point

0°C. can be reconstituted, if stirred after thawing

flash point

None

PACKAGING:

Supplied in: 1Kg or 15Kg bag

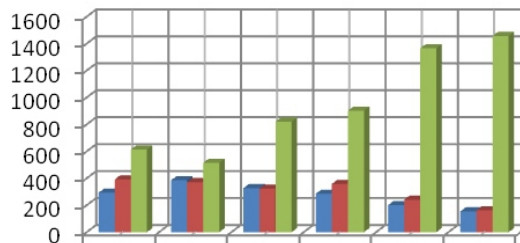
Storage: Dry; Frost free, out of direct sunlight

Shelf life: 12 months, when stores as above

Hazard class: No dangerous goods, Observe Material Safety datasheet

WATER PERMEABILITY TEST RESULTS

Average Time, Seconds



■ Average time in Seconds 3 days
 ■ Average time in seconds, 7 days
 ■ Average time in seconds, 14 days

■ Average time in Seconds 3 days	294	386	327	285	201	155
■ Average time in seconds, 7 days	392	372	324	358	241	163
■ Average time in seconds, 14 days	614	515	821	902	1365	1457

ROCKPROOF X2P %

- **DIRECTION OF USE**

- **MIXING:**

- ROCKPROOF X2P should be pre-mixed dry with cement or alternatively , it can be poured into The mixer at the time the cement is added to the aggregate.

- **WATCH POINT:**

- Ensure specified water / cement ratio is not exceeded; work within the range of 0.4 to 0.6.
- Keep water content as low as possible, compatible with achieving full compaction.
- Place concrete quickly and ensure it is thoroughly compacted.
- Protect new concrete against rapid drying out and ensure adequate and complete curing with VERTEX ROCKCURE curing compounds.

- **CAUTION:**

- ROCKPROOF X2P is not a fire or health hazard. Spillages should be washed down immediately with cold water. For further information refer to the material safety data sheet.

The information provided in this leaflet is supplied by our consulting service and is the end result of exhaustive research and extensive experience. However, it is without any liability on our part particularly regarding third party proprietary rights. This information does not relieve the user of the responsibility for verifying that the products and processes are suitable for the intended application. The data presented was derived from tests under normal climate conditions according to DIN 50014 and mean average values and analysis. Deviations are possible when delivery takes place. Given the recommendations may differ from those shown in this leaflet, written confirmation should be sought. It is the responsibility of the purchaser to ensure they have latest leaflet issue and that its contents are current. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical datasheet supersedes previously issued information.

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229