



Hi-Aqua Proof

CP-11

Description

Happilac Hi-Aqua Proof CP-11 is a fine powder formulated as a high performance waterproofing, dry set fixing concentrate for plaster. It is intended to resist water penetration either under conditions of hydrostatic pressure or capillary absorption.

RECOMMENDED USE

Happilac Hi-Aqua Proof CP-11 is suitable for all interior and exterior surfaces and has excellent workability in both tropical and hot climate conditions.

FEATURES

- High water resistivity
- Reduced sulphate attack
- Used for interior & exterior
- Suitable for tropical & hot climate conditions
- Reduced water demand for better workability

LIMITATIONS

- Protects new concrete against rapid drying out and ensures adequate and complete curing
- Ensures specified water/cement ratio is kept

TECHNICAL AND APPLICATION DATA

Happilac Hi-Aqua Proof CP-11 is a blend of silane-siloxane, quartz and silica flour along with specialty additives to improve water resistivity, adhesion and workability.

Appearance	Off-White Powder	Nitrate Content	Nil
Specific Gravity	1.165	Recommended Usage Ratio	2% of total cement to be used
Chloride Content	Nil		

NOTE: The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is updated prior to using the product.

APPLICATION GUIDE

Happilac Hi-Aqua Proof CP-11 should be used in all structural concrete and plaster that is constantly or intermittently in contact with water such as sea walls, tunnels, basements, structural and precast concrete in exposed super structures.

EFFECT OF OVER USAGE

Effect of over usage may be:

- Retardation of initial set
- Increase in air contents
- Becomes difficult to handle the mixture

MIXING: 1kg Happilac Hi-Aqua Proof CP-11 can be premixed with the cement or alternatively, it can be poured into mixture at the time when cement is added to the aggregates.

NOTABLE POINTS

- Ensure specified water/cement ratio is kept
- 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

AVAILABLE PACKS AND STORAGE

The product is supplied in powder/granule form, packed in approximately 1kg plastic sacks. The product must be stored in a cool, dry and well ventilated place away from sources of heat and ignition. Keep the sack closed and handle with care.

HEALTH & SAFETY

- When applying, use appropriate eye protection
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes
- Do not breathe spray mist or dust
- Ensure proper ventilation when applying
- If swallowed, serious damage may be caused
- When empty, do not use the bag for edible storage
- Place out of reach of children
- In case of any emergency, seek medical attention as soon as possible

WARNING: Scraping/sanding off previously painted surfaces may release hazardous dust or fumes which are highly toxic. Take protective measures thoroughly when rubbing off the old surfaces.

The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.