

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 and plaster. It is intended to resist water penetration either under conditions of hydrostatic pressure or capillary absorption.

Features

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

Recommended For

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

Limitations

- Protect new concrete against rapid drying out and ensure adequate and complete curing
- Ensure specified water/cement ratio is kept

Technical Details

HI-Aqua Proof CP-11 is a blend of silane-siloxane, quarts, silica flour along with specialty additives to improve water resistance, adhesion and workability.

Appearance	:	Off-white powder
Specific gravity	:	1.165kg/liter
Chloride content	:	Nil
Nitrate content	:	Nil

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.

Effects of Over Dosage

Effects of over dosage may be

- Retardation of initial set
- Increase in air contents
- Increase in workability

Mixing

1kg HI-Aqua Proof CP-11 can be premixed with 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 not exceeded
- 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 and granule form packed in approx. 1kg plastic sacks. The product must be stored in a cool, dry and well ventilated place away from source of heat and ignition. Keep the sack closed and handle with care.

Health and Safety Notes

- When applying, wear appropriate eye protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying.
- If swallowed, it may cause serious damage.
- When empty, don't use its bag for edible storage.
- Keep out of reach of the children.
- Pregnant women are advised to avoid breathing of mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

CAUTION: Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.