



Hega Paddloy Cement

Hega Paddloy Cement (HPC) is a powdered, non-toxic, mixture which provides an ideal solution to the high demand water proofing applications whilst it's enhancing the strength of concrete mixture.

HPC is ideal for the applications demands water proofing solutions such as water tanks, blind walls, bathroom floors and concrete slabs.

HPC when applied spread throughout its entire concrete surface and discontinues pore formation and reduces the size of overall size of the capillary pore networks.

All known corrosive effects on concrete are moisture-driven. HPC waterproofs concrete and therefore increases its durability by reducing the number and size of capillary pores, inhibiting transport mechanisms for water and water-borne chemicals and also acid resistant.

It also blocks the capillary and seals off all voids in the concrete by providing additional protection against water leak and corrosive attack.

DESCRIPTION

Hega Paddloy Cement is a multipurpose, high quality powdered admixture providing excellent waterproofing properties for all kinds of water proofing applications.

Benefits.

HPC provides ideal water proofing and water resistance with both long-term durability and impermeability.

When added to the concrete mix provides enhanced resistance to reinforcement corrosion.

Ideal for high-water proofing demand applications.

Does not affect the mechanical properties of the concrete.

Increase long-term durability and minimize permeability, absorption and efflorescence

Will reduce shrinkage

Improve resistance to chemical attacks

Application

To obtain maximum benefit it is recommended that the water cement ratio should not exceed 0.40

Mixing-01

Where normal concrete and cement sand mortar

Mix 3kg of Hega Paddloy Cement with each 50kg of Portland cement bag.

Mixing 2

Where low cement content mixes or where extra water proofing precautions are needed

Mix 5kg of Hega paddloy Cement with each 50kg portal and cement bag.

The concrete or mortar must be thoroughly mixed until homogeneous until content is thoroughly dissolved.

Should add the Hega Paddloy cement immediately after cement is added.

Must be fully compacted and cured accordance with industry standard. Falier to do so will result under compaction and segregations.

Should maintain proper concrete method during whole operation.

Packaging

Powdered 25kg pack

Should store in good dry conditions.

When palletize do not over load.

First In First out procedure should follow.

Colour-Off white/Pale Gray

Safety

Hega Paddloy Cement is mixture of powdered cementations, aggregates and waterproofing agents. Though product is non-toxic and safe to use However, protective clothing and a dust mask should be worn while mixing the material.

Avoid inhaling airborne dust wherever possible. Where excessive dust is generated then engineering control measures should be considered (ventilation/ extraction) to maintain the airborne dust concentration as low as is reasonably practical.

Storage:

Store between +5° C and +40° C protected from frost, sunlight and moisture.
Treat as standard Portland

Manufactured by Horana Minerals (Pvt) Ltd