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STANDARD SET

IWC

Integral Waterproofing Compound



Product Description

IWC (Integral Waterproofing Compound) is an advanced additive specifically formulated to enhance the waterproofing properties of concrete. It is designed to be incorporated directly into concrete mixtures, offering exceptional integral waterproofing capabilities. Adding IWC to concrete, significantly improves the durability and longevity of structures by providing superior protection against water penetration.

Special Features & Standard Followed

- Complies with the requirements of **IS 2645 : 2003** for integral cement waterproofing compounds
- Enhances the waterproofing performance of concrete
- Reduces water absorption and permeability
- Increases the strength and durability of concrete
- Enhances the durability and lifespan of structures
- Reduces the risk of water penetration and associated issues
- Compatible with various types of cement and concrete mixes
- Improves resistance to chemical attacks and corrosion

Application

- Basements and underground structures
- Water tanks and reservoirs
- Swimming pools and fountains
- Retaining walls and foundations
- Roof slabs and terrace constructions
- Bridge decks and tunnels
- Any concrete structure requiring waterproofing

Application

- Cement-based concrete
- Reinforced concrete
- Pre-cast concrete elements
- Cement mortars

Technical Properties

Testing Parameters	Result
Appearance	Free Flowing Liquid
Colour	Reddish Brown
Specific Gravity @ 25°C	1.05 - 1.15
pH Value	10-12
Workability	Improves Workability
Setting Time	Passes
Compressive Strength	Passes

Dosage

The recommended dosage of IWC is typically 200 ml per 50 kg bag of cement.

Packing

200ml, 1 ltr, 5 ltr, 10 ltr & 20 ltr

Shelf Life

When stored in a cool and dry place, unopened containers of IWC (Integral Waterproofing Compound) have a shelf life of 12 months from the date of manufacture,