



CONCRETE MASTER

Cold Joints, No More - We Seal, You Build
Advance German Chemical Technology

DESCRIPTION

CONCRETE MASTER is a specially formulated liquid waterproofing compound that combines surface - active plasticizing agents and additives. It serves as a versatile additive for cement concrete, enhancing its cohesiveness and preventing segregation. This powerful compound ensures the creation of watertight structures and automatically bonds and seals cold joints.

ADVANTAGES

Corrosion Resistant: Enhances concrete cohesiveness, offering better protection against steel corrosion.

Compatibility: Being a liquid, it disperses easily and is compatible with concrete and mortar mixes.

Permeability: Reduces the permeability of water into concrete.

Strength: Setting time and compressive strength of the concrete remain within specification limits.

Shrinkage: Mitigates shrinkage crack development in plaster and concrete.

Workability: Improves the workability of freshly mixed cement concrete, and cold joints automatically bond and seal.

Durability: Increases durability by improving the waterproofing of concrete, creating a seamless finish.

AREAS OF APPLICATION

CONCRETE MASTER offers versatile solutions for a wide range of applications, ensuring the integrity and durability of your construction projects. Our innovative formula is ideal for waterproofing concrete structures, safeguarding basements & underground structures, tunnels, reinforcing roofs, slabs, and screeds, protecting water tanks and water retaining structures, enhancing swimming pools, fortifying podiums, and ensuring the reliability of sumps and drains. Wherever you need a strong and enduring bond, CONCRETE MASTER delivers.

APPLICATION

Add cement and aggregates to the concrete mixer as per the mix design and mix in the dry state for 1-2 minutes.

Start adding 75% - 80% of the mixing water and mix for 2-3 minutes.

Add CONCRETE MASTER as per the recommended dosage into the remaining mixing/gauging water, then add it to the concrete mixer and mix for an additional 2 minutes.

Place the concrete or apply plaster as needed.

Cure the applied mortar or concrete as per good construction practices.

Dosage:

100 ML to 400 ML per 50 kg bag of cement.

Bonding Slurry Mix: 1 chemical: 3 water: 6 cement

PRODUCT DATA

Appearance: whiteish yellow Milky liquid

Specific Gravity @ 25°C: 1.05 - 1.070

pH Value: 7.4 - 7.8

Setting Time, Minutes: 30 - 600 min

Chloride Content: Nil

Water Resistant: Highly

CONCRETE MASTER

Cold Joints, No More - We Seal, You Build

Advance German Chemical Technology

HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.
In case of skin contact, rinse with clean water.
In case of eye contact, clean immediately with clean water and seek medical advice.

PACKING

10 KG, 20 Kg.

STORAGE

Store in a cool dry place, unopened, sealed pack.
Keep away from direct sunlight, below 30°C.

SHELF LIFE

18 months

LIMITATIONS

Do not add CONCRETE MASTER to the dry cement and aggregate mix.
Maintain the water-cement ratio as low as possible.
Do not exceed the recommended dosage of CONCRETE MASTER.

DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.

