

ULTRA MCon – TDS

Product Name:

Ultra MCon

Product description:

Ultra Micro Concrete will be supplied as a ready to use blend of dry powders which require only the site addition of clean water to produce a free-flowing, shrinkage compensated, micro concrete suitable for large volume repairs. And many smaller locations where difficulties of access make hand or trowel applied mortars impractical. It is developed with high strength formulation for structural concrete and so formulated can be used to reinstate large sections of concrete. It is based on Portland cement graded fillers and additives which control shrinkage and reduce water demand and facilitate quick and easy working with controlled quality.

Advantages:

- Extensive repairs to beams, columns and other structural elements
- Repair of structural members subjected to repetitive loading
- Jacketing of beams, columns and other structural elements for strengthening.
- Thickness of repair is more than 200 mm and use of pourable mortar is preferable to hand or machine applied repair systems
- Ideal material for vertical or horizontal structural repairs.
- Dual shrinkage compensated - Volume stable in wet and hardened state reducing cracking tendency.
- One component, factory made only addition of water - Uniform predictable performance even in remote situations.
- No bonding agent required - Simple installation.
- Impermeable to aggressive elements - Long life repairs.
- Pourable mortar - Able to repair complex profiles easily.
- Fast and easy placing - Reduced time for repairs.
- Self-compacting nature eliminates honeycombing and displaces air without vibration

Application method:

This readymade Ultra micro concrete is difficult to mix by hand. Use a mixing vessel. Pour clean water into the vessel at 3.3 litres/per 25 kg bag. Add the Ultra micro concrete into it slowly under constant stirring conditions until lump free until

a homogenous mix is attained. Use a slow speed stirrer only. Where larger quantities are needed a mixer is required. Pour immediately to get maximum flow properties. It is not recommended to mix part bag at a time. Once placing of micro concrete is complete and form work removed it is necessary to cure the area by keeping it under wet condition for curing as usual.

Precautions:

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the ULTRA GREEN CONSTRUCTION CHEMICALS Material Safety Data Sheet (MSDS) from our office or our website.

Storage:

Material must be Stored in a cool dry place, away from water or humid conditions.

Area of application:

This ready to use micro concrete enhances quality of work with its consistent quality which completely eliminates human errors of onsite mixing. It can be used to repair large sections of damaged concrete, making good honeycombs in new concrete, repairing new and old structural beams and columns. Repairing defects in Railway sleepers, RCC Hume pipes etc.

Packing:

25 kg

Technical Data:

Appearance	Grey dry powder
Shelf life	12 months
Compressive strength	80 mpa in 28 days
Tensile strength	3.5 mpa in 28 days
Flexural strength	8 mpa in 28 days
Packing	25 kg

Corporate office:

ULTRA GREEN CONSTRUCTION CHEMICALS

#42, 2nd main road
Palace Guttahalli main road
Near Vinayaka circle
Bangalore – 560003
Ph: 080-65344500
E-mail: info@ultragreenc.com
Web: www.ultragreenc.com

ULTRA GREEN CONSTRUCTION CHEMICALS

Survey No-11, Bandahalli Village, Byllanarasapura Road, Nandagudi Hobli Hostoke Taluk, Bangalore-562122

Tel : 080-65344500 E-mail: info@ultragreenc.com ultragreenconstructionchemical@gmail.com

Web: www.ultragreenc.com

