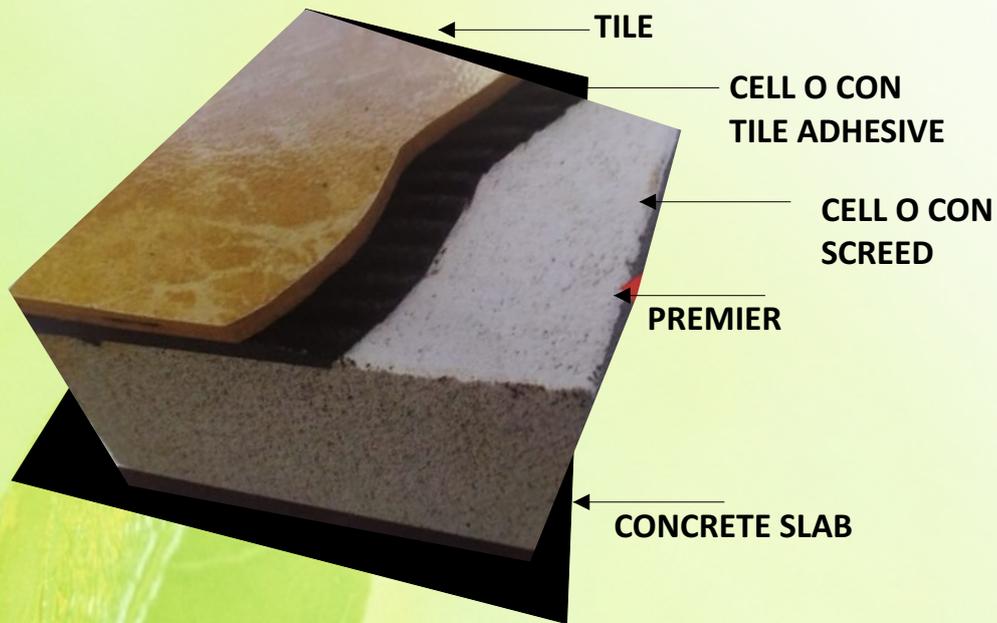




METHRAS
CELLOCON
A Green Revolution For Future Buildings



CELL O CON LIGHT WEIGHT DRY WATER PROOFING MIX & SCREED CONCRETE

A TECHNOCRAT'S QUALITY PRODUCT

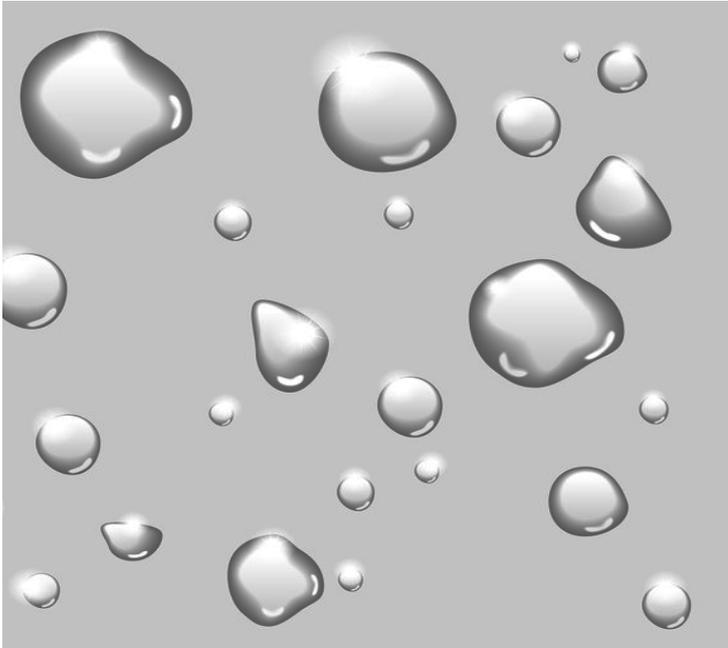
✓ GERMAN TECHNOLOGY

✓ SCADA QUALITY CONTROL

✓ INNOVATIVE GREEN PRODUCTS



www.methrascellocon.com



CELL O CON LIGHT WEIGHT WATER PROOFING MIX & SCREED CONCRETE

CELL O CON LIGHT WEIGHT DRY WATER PROOFING MIX & SCREED CONCRETE

CELL O CON Light Weight Dry Water Proofing Mix is mixed with High technological mixer, by precisely adding Light weight coarse material, Lime, sand and fine coarse with construction waterproofing polymers and adhesives. It is less expensive, permanent, simple, quick to lay and an ideal thermal insulation material for buildings that are centrally or partially air-conditioned Residential as well as Commercial buildings.

CELL O CON Light Weight Dry Water Proofing Mix is replacing the conventional methods of weathering courses by brick jelly concrete or any other methods.



CELL O CON Light Weight Dry Water Proofing Mix is used as weathering course.

CELL O CON Light Weight Dry Water Proofing Mix weight reduces the dead load on the roof. The bulk density will be around 900 - 950kg/m³.

CELL O CON Light Weight Dry Water Proofing Mix can be laid to the required slope for the long span also up to thickness of 230 mm & 300 mm due to its light weight.

Portable mixers to be used on the roof top for mixing of Light Weight Dry Water Proofing Mix with clean water.

CELL O CON Light Weight Dry Water Proofing Mix can be used as a screed concrete for floor slab to required thickness of upto 300mm to reduce the dead load on the slab wherever required.





LIGHT WEIGHT DRY WATER PROOFING MIX - APPLICATION

CELL O CON Light Weight Dry Water Proofing Mix is to be laid on cleaned surface without any dust particles. Proper drain levels have to be provided for quick and easy flow of rain water. A thin coat of cement slurry is spread over the R.C.C before laying the Dry Waterproof Mix.

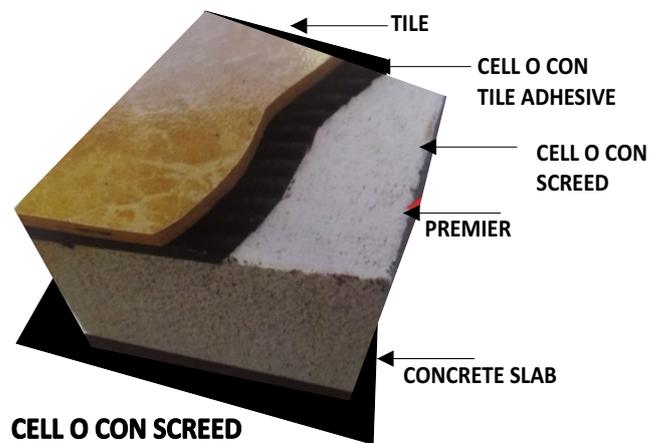
CELL O CON Light Weight Dry Water Proofing Mix mixed with water and laid over the roof slab. This light-weight concrete is levelled, consolidated and left for 24 hours for setting. It can be applied in thickness of 50mm to 300mm depending on the requirement.

Over the CELL O CON Light Weight Dry Water Proofing Mix course, the top finishing can be done either by normal cement, lime, sand mortar ratio 1: 1: 6 or use CELL O CON THERMAL PROOF MORTAR with necessary grooves at the interval of 60cm X 60cm. Before the mortar finishing, the galvanised weld mesh or fibre glass mesh 120 gsm to be provided to avoid any crack, shrinkage etc.

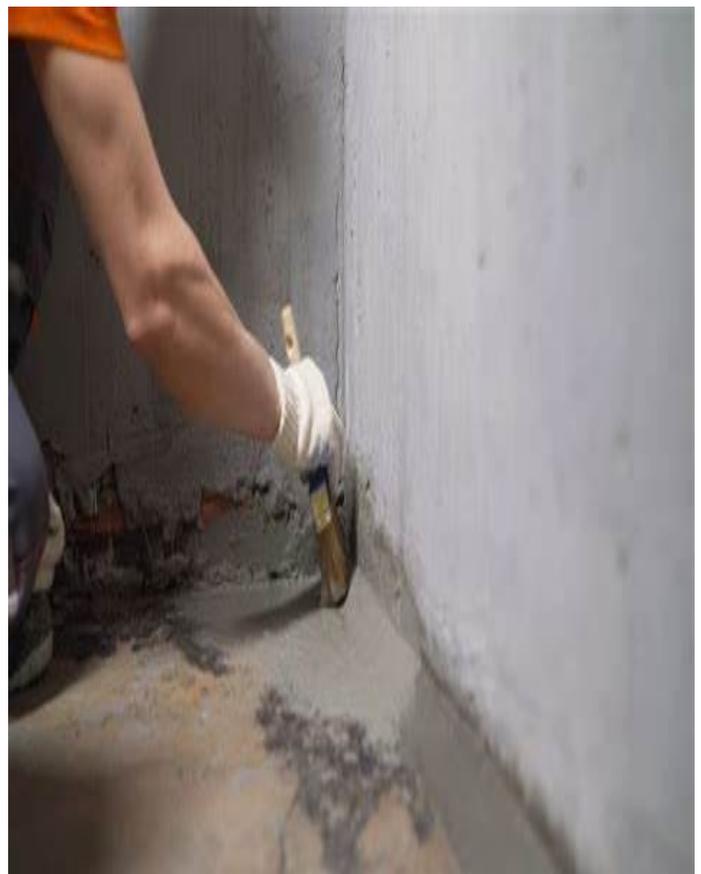
LIGHT WEIGHT DRY WATER PROOFING MIX - MIXING, CURING & WATERPROOFING

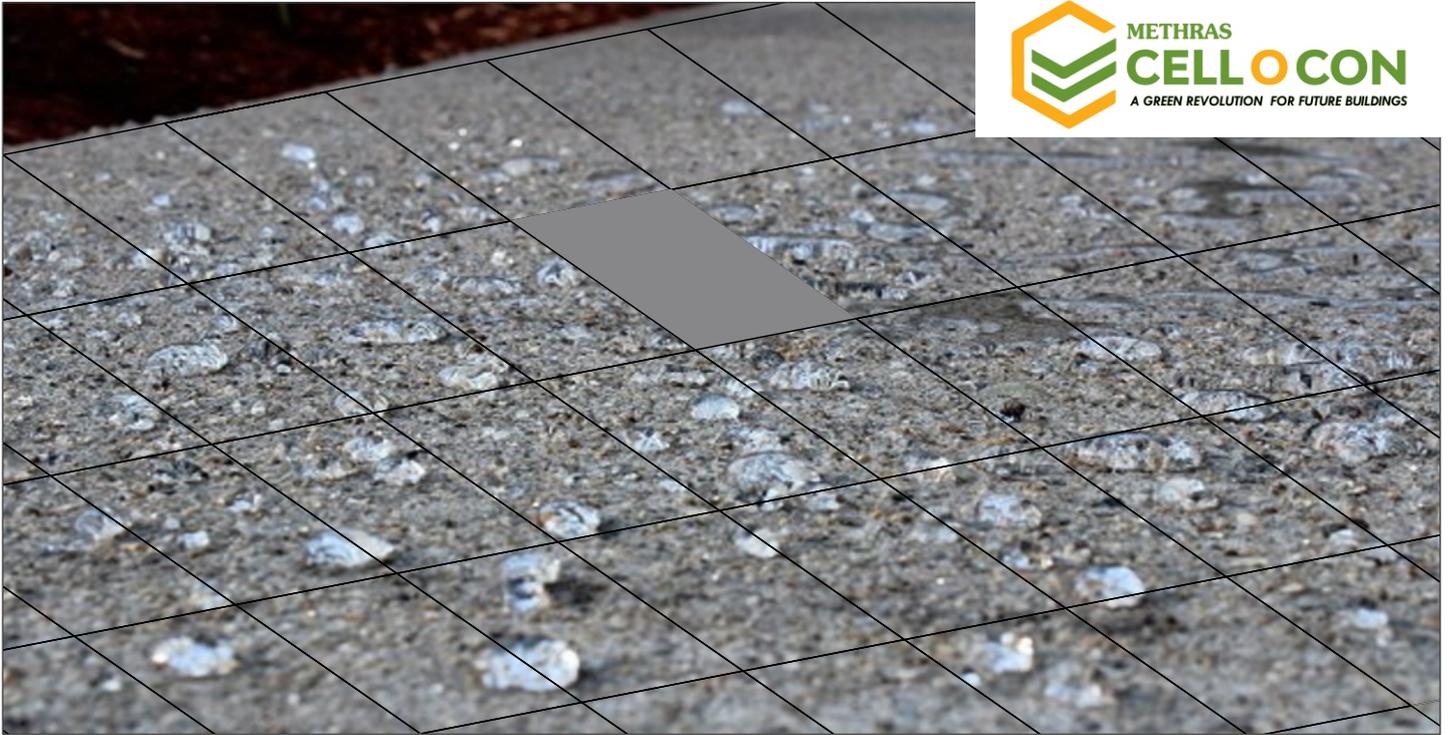
CELL O CON Light Weight Dry Water proofing Mix to be mixed in concrete mixer with water, portable mixer for large areas, hand mix for small area, till the mix; in semi-solid consistency and workability to be attained.

The water that is used for mixing should be potable for better results.



CELL O CON SCREED





CELL O CON DRY WATER PROOFING MIX - SPECIFICATIONS

| | |
|----------------------|----------------------------|
| Bulk density | 900 to 950 Kg/Cu. Mtr. |
| Compressive Strength | Minimum 7-10Kg/Sq.Cm. Min. |
| Thermal Conductivity | Very less |

CELL O CON DRY WATER PROOFING MIX - USES

- Thermal Insulation of roofs against heat.
- Floors of sunken slab, Bathroom, swimming pool waterproofing, Screed concrete for the floor slabs.
- Denser mix too can used on beds of furnaces/Kilns/ chimney for arresting dissipation of heat.
- Water proof better; bonding Strength.
- More flexural & more tensile strength.
- More compressive strength.
- Avoids the water penetration and rust formation in reinforcements.
- It is termite, moth, vermin and rodent-proof as well as non-corrosive and non-conductor of electricity.
- It is fire-proof.
- It is cooler than lime brick jelly concrete (normal weathering courses), more effective insulation.
- Considerable temperature drop depending on the thickness and tropical conditions.
- It replaces laying of lime brick jelly concrete there by reducing the dead-load factor over the buildings more than 60%.

- Coverage** 100 sqft. area requires approximately 350 Kgs of Dry Mix waterproofing for an average thickness of 3" (75mm)
- Storage** Always store in a dry place, off the ground and well covered.
- Shelf Life** 3 Months in tightly sealed bags.
- Packaging** 50Kg to 500Kgs.

