

TRUBUILD CPS 111

Concrete Porosity Sealer



TECHNICAL DATA SHEET VER NO. 1.1

TRUBUILD CPS 111 is silicate-based, integral, water proofing compound which is specially designed to reduce porosity in cement concrete, mortar & plaster. It helps in reducing permeability of concrete and makes it more cohesive.

Meets the requirement of IS: 2645-2003

ADVANTAGES



IMPROVES
FINISHING



BETTER
COHESION



REDUCES
PERMEABILITY



ENHANCES
WORKABILITY

- Reduces permeability in concrete, thereby improving the water tightness and reduces the corrosion in reinforced steel.
- It improves workability of freshly mixed concrete and increases durability of concrete without affecting the strength of concrete.
- Single component product, easy to use.



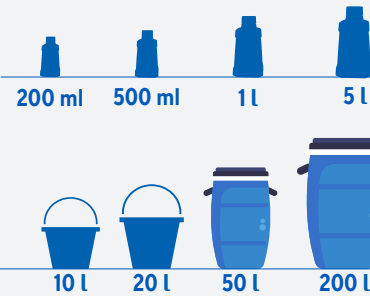
AREAS OF APPLICATIONS



APPLICATIONS

- Trubuild CPS is used for water proofing of cement-sand mortar which is used for making roof slabs, bathrooms, drains, basements, water tanks, etc.

AVAILABLE PACKING



HOW TO USE

- Charge cement & aggregates to concrete mixer as per the mix design. Mix in dry state for 1-2 minutes. Start addition of 75-80% mixing water & mix for 2-3 minutes.
- Cure the applied mortar or concrete as per good construction practices.
- CPS 111 is added as per the recommended dosage into the remaining mixing / gauging water, then add to concrete mixer & mix for another 2 minutes. Maintain the water to cement ratio as low as possible.

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TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Physical state		Low viscous liquid
Appearance		Transparent
pH		>9
Specific gravity		1.03-1.05
Setting time	IS: 2645: 2003	30-600 min
Water permeability	IS: 2645: 2003	Pass
Compressive strength	IS: 2645: 2003	As per the standard

ADDITIONAL INFORMATION

RESTRICTION OF USE

- Trubuild CPS 111 should be used in recommended dosage
- Make sure that water-cement ratio should be as low as possible

DOSAGE

- 200 ml per 50 kg bag of cement.

HANDLING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please refer MSDS.

STORAGE

- Product should be stored in a dry place in its original, properly closed container at temperatures between 2-40°C.
- Partially emptied container should be closed immediately.

SHELF LIFE

24 months from the date of manufacturing

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