

TRUBUILD CPS 111

Concrete Porosity Sealer

TECHNICAL DATA SHEET
VER NO. 1.5



TRUBUILD CPS 111 (Concrete Porosity Sealer) is an integral water proofing compound which is special designed for giving water proofing to cement concrete, mortars & plasters. It gives cohesive property to cement which ultimately gives water proofing and also protect the reinforced steel against corrosion.

Meets the requirement of IS: 4031-1988 & IS: 6925-1973 & IS: 2645-2003

APPLICATIONS

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

ADVANTAGES

- Reduces the permeability of water to the concrete hence giving excellent water proofing and along with this protecting reinforced steel bars against corrosion
- Single component product and easy to use due to its low viscosity
- It improves workability of freshly mixed concrete and increases durability of concrete without affecting the strength of concrete

HOW TO USE

- Mix cement, aggregates its mixture in dry state and then discharge Trubuild CPS 111 in water as per cement used in dry mix. Then pour the mixed water into the dry mix and mix it till we get homogeneous mixture, then use it as per requirements.
- Mix Trubuild CPS 111 as per the recommended dosage and then again mix for 3 min and now use the mixture as per the requirement
- Cure the applied mortar or concrete as per good construction practices

RESITRICTION OF USES

- Trubuild CPS 111 should be use in recommended dosage
- Do not directly mix Trubuild CPS 111 directly to cement
- Make sure that water-cement ratio should be lowest

TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Physical state		Low Viscous liquid
Appearance		Transparent
Colour		wine-red
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

DOSAGE

200 ml per 50 kg bag of cement.

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STORAGE

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

HANDELING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product data sheets and the brochure "Hygienic precautions for handling plastics products".

SHELF LIFE

24 months (Storage Temp 2-40°C)

PACKING

200 ml, 500 ml, 1 lit, 5 lit, 10 lit, 20 lit, 50 lit & 200 lit

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