

CPS 111

Concrete Porosity Sealer

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

PRODUCT DESCRIPTIONS

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.



FEATURES & ADVANTAGES



IMPROVES
FINISHING



BETTER
COHESION



REDUCES
PERMEABILITY



ENHANCES
WORKABILITY

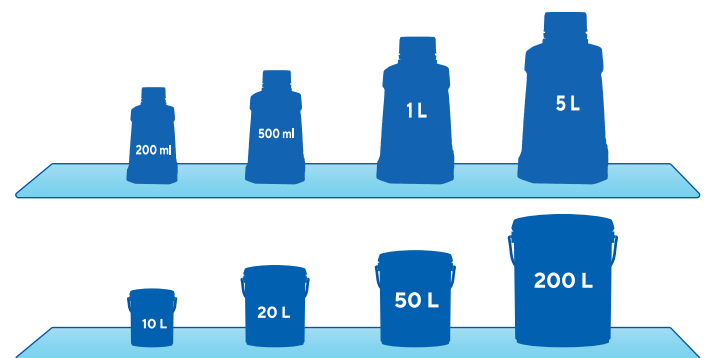
- Reduces permeability in concrete, thereby improving the water tightness and reduces the corrosion in reinforced steel.
- Single component product, easy to use.
- It improves workability of freshly mixed concrete and increases durability of concrete without affecting the strength of concrete.

AREAS OF APPLICATION



Trubuild CPS 111 is used for water proofing of cement-sand mortar which is used for making roof slabs screed & plasters.

PACKAGING



METHOD OF APPLICATION

- 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.
- Trubuild 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.

TECHNICAL PROPERTIES

S.NO.	PROPERTIES	STANDARD	RESULTS
1.	Physical state	-	Low viscous Liquid
2.	Appearance	-	Transparent
3.	pH	IS 9103:1999	>9
4.	Specific gravity	IS 9103:1999	1.03-1.05
5.	Setting time	IS: 2645: 2003	30-600 min
6.	Water permeability	IS: 2645: 2003	Pass (<50% than Actual)
7.	Compressive strength	IS: 2645: 2003	Pass (>90% strength than actual)

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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