

Product Data Sheet

CasTech Cure WB 75

Nov-2025, Ver. 01.01



Water Based Curing Compound and Surface Sealer

DESCRIPTION

CasTech Cure WB 75 is a non-degradable concrete curing and sealing compound based on special inorganic materials. It is used to prevent rapid evaporation of water from fresh concrete to assure proper hydration of cement, adequate strength development and reduced plastic shrinkage cracks.

TYPICAL USES

CasTech Cure WB 75 is used to seal vertical and horizontal concrete surfaces, retaining moisture for effective curing of elements such as columns, beams, slabs, screeds, repair mortars, plasters and renders. It is used especially where the concrete surface will subsequently be coated with acrylic coatings, epoxy coatings, paints, etc.

ADVANTAGES

Key advantages:

- Improved curing of concrete enhances cement hydration and provides high strength concrete
- Spray application reduces labour cost
- Prevents premature moisture loss from concrete, thus reducing shrinkage
- Does not interfere with adhesion of subsequent treatments
- Protects concrete from sulphates and water-borne chloride
- Provides a dust free concrete surface
- Dual protection as curing and sealing compound

TYPICAL PROPERTIES

Component	Single
Form	Liquid
Colour	Clear & White
Specific Gravity (ASTM D 1475)	1.16 ± 0.05
Curing Efficiency (BS 7542)	> 75%

Curing efficiency will depend on the application rate and surface condition.

SURFACE PREPARATION

The concrete surface should be free from mould release agents, standing or bleed water and other impurities.

APPLICATION

CasTech Cure WB 75 is ready to use and should not be diluted. Stir well before use. Start applying once the "free" water evaporates from horizontal surfaces or once the vertical form is stripped. Apply uniformly with knapsack spray equipment, woollen rollers, brush, etc. Two coat application is recommended.

Note:

CasTech Cure WB 75 does not adversely affect the bond between the substrate and subsequent finishes such as repair mortars (epoxy and polymer modified), tile adhesives (epoxy and polymer modified), paints based on PVA or acrylic copolymers, bituminous emulsions, and epoxy and polyurethane floor coatings. For other types of subsequent coats, bond strength needs to be verified by on-site testing.

COVERAGE

5 – 8 m²/litre (coverage depends on surface finish, porosity and texture, as well as application techniques).

PACKAGING

5 litre, 20 litre and 200 litre containers.

STORAGE AND SHELF LIFE

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

HEALTH AND SAFETY

PPE: Suitable protective goggles, gloves and mask must be worn.

Precautions: In case of contact with eyes, rinse immediately with plenty of water; in case of contact with skin, wash off immediately with soap and water. If swallowed, seek medical attention immediately.

Hazard: Regarded as non-hazardous for transportation.

Disposal: Do not reuse containers. Dispose of as per local rules and regulations.

Additional information: Refer to MSDS (available on request).

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TECHNICAL SUPPORT

CasTech provides on-site assistance and consulting services on

projects when requested. Technical data sheets on other CasTech products and guidance on their use are available on request.

CasTech MIDDLE EAST FZE

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