

Technical Data -

H-Cure

27-02-2025



PRODUCT DESCRIPTION

HATCRETE H-Cure is a clear sodium silicate based solution used to cure, harden and seal fresh or existing concrete.

PURPOSE

To harden and improve the abrasion resistance and reduce dusting on new or existing concrete and can be used to assist curing when no specific curing efficiency is required. **HATCRETE H-Cure** can be used on interior or exterior concrete.

SPECIAL PROPERTIES

- Ready to use single pack solution
- Simple to apply
- Improves abrasion resistance
- Reduces dusting
- Assists curing of new concrete
- Good penetration
- Waterbased and odourless
- Non blooming and non yellowing
- Does not delaminate

APPLICATION

For fresh concrete: surface must be free of any bleed water and sufficiently hardened to withstand application procedure. Apply using a sprayer as soon as the surface is sufficiently hard enough to walk on. After half an hour the material will gel and the surface will become slippery. When this occurs, carefully wet the surface by spraying water. This will reduce the slippiness. Rework into the surface with a soft broom. After another 30 mins, the surface will return to a gel. Rinse the floor with water and remove the resultant material using a squeegee, mop or wet vac.

For exterior fresh brush finish or tamped concrete: surface must be free of any bleed water. Apply using a sprayer when the surface is sufficiently hard not to be damaged by the spray. Apply in two applications wherever possible applying 2nd coat at 90° to the first coat. Leave on the surface until the brush finish can withstand washing using a hose and broom. Then apply water, allow surface material return to a gel and then rinse off. Any surface material not removed will potentially leave a stain.

For existing concrete surfaces: the surface must be clean and dry and free from any surface detritus, laitance, coatings, paint, oil or grease. Apply product using a spray and work into the surface using a soft broom to achieve maximum penetration. After half an hour the material will gel and the surface will become slippery. When this occurs, carefully wet the surface by spraying water. This will reduce the slippiness. Rework into the surface with a soft broom. After another 30 mins, the surface will return to a gel. Rinse the floor with water and remove the resultant material using a squeegee, mop or wet vac.

APPROXIMATE COVERAGE

4-7 m² per litre per application. Two applications required for enhanced curing and maximum hardening. May be greater depending on surface porosity and profile. When 2 applications required allow 2-4 hours between coats at 20°C.

NOTE

Do not allow **H-Cure** overspray to come into contact with glass, aluminium or highly polished surfaces. If it does, wash off immediately with water to avoid etching the surfaces. Clean tools in water. On profiled surfaces ensure no dry spots and touch up when necessary. For old and new smooth or profiled surfaces wash off and remove residue or excess material in a timely manner as if left to dry it is difficult to remove and may leave unsightly stains.

PACKAGING

25 litre drums.

SPECIFICATION CLAUSE

The concrete shall be treated with HATCRETE H Cure which shall assist with curing, hardening and dust proofing the concrete. The product shall be manufactured in accordance with an accredited BS5750 ISO9001 Quality Company. All work shall be carried out in accordance with the manufacturers current technical data sheet and instructions for use.

HEALTH AND SAFETY

Clear and odourless liquid. Wear suitable protective clothing including safety glasses and gloves. Avoid the formation or spread of mists in the air. Avoid contact with the material. Causes the surface to be slippery surface when applied. Refer to Safety Data Sheet for further information.

TECHNICAL SERVICES

For further information, call our technical dept on:
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WARRANTY

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