

SpECcure AC

HIGH EFFICIENCY, RESIN BASED CURING MEMBRANE

DESCRIPTION

SpECcure AC curing membrane is acrylic resin based.

When applied to fresh concrete, the product dries to form a continuous coating inhibiting moisture loss from the concrete thus improving the hydration process and providing increased durability and a decrease in potential shrinkage of the concrete.

SpECcure AC also acts as a primer layer for most subsequent coatings therefore the need for complete removal of the curing membrane is avoided in most cases except in areas, which will be subject to traffic where proper surface preparation must be employed.

TYPICAL USES

- As a membrane for concrete to provide adequate and effective curing
- As a primer/sealer to subsequent coatings

ADVANTAGES

- More effective cement hydration providing more durable concrete
- May be applied by simple knapsack spray units
- In some cases, subsequent coatings can be applied directly over the membrane without the need for expensive surface preparation
- Minimizes surface cracking and dusting
- Reduces shrinkage and improves permeability
- Non degrading
- Compatible with SpECbuild repair products

RELEVANT STANDARDS

BS 7542; BS8110 Part 1, clause 6.6.6; ASTM C309

APPLICATION

Preparation

SpECcure AC may be spray applied onto the surface of fresh concrete provided no surface water

is present. The nozzle of the knapsack spray unit should be kept at approximately 0.5 metre from the concrete surface. Ensure complete and even coverage of the area being treated.

The membrane should not be disturbed until the concrete has gained sufficient strength to accept light foot traffic.

Where **SpECcure AC** is applied to newly demoulded concrete, it is advisable that the concrete is pretreated with a water spray to avoid absorption of the membrane once applied. Application to dry surfaces may result in unsightly surface staining.

EQUIPMENT

Any type of knapsack spray unit is acceptable providing the spray produced is in the form of a mist.

EQUIPMENT CLEANING

Tools and equipment may be cleaned using **SpECTop Cleaning Fluid**.

PACKAGING & YIELD

SpECcure AC is supplied in 1 litre, 5 litre and 200 litre drums with a coverage rate of 4.0 to 4.5 m²/litre.

STORAGE & SHELF-LIFE

12 months when stored in original unopened containers in normal warehouse conditions.

HEALTH & SAFETY

SpECcure AC should not be swallowed or permitted to contact eyes or skin. Avoid inhalation and ensure good ventilation.

Eye Contact

Rinse with copious amounts of clean water and

seek medical attention.

Skin Contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENT

Ingestion

Seek immediate medical attention.

DO NOT INDUCE VOMITING

FLAMMABILITY

SpECcure AC is flammable. Do not expose to naked flame or other sources of ignition.

FLASHPOINT

SpECcure AC >60 °C

DISPOSAL

Spillages of **SpECcure AC** should be cleaned using absorbent material and stored in sealed containers.

Disposal should be as required by local legislation.

Issue 7: 09/2007

QA-054

Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

SPECIALITY ENGINEERING CHEMICALS

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: specdxb1@emirates.net.ae

www.spec.ws