

TUFFACURE P

Water borne, polymer based, high efficiency concrete curing membrane and sealer

DESCRIPTION

TUFFACURE P is a specially formulated, water based curing compound utilising advanced acrylic copolymers. The product acts in reducing the loss of moisture by evaporation from the concrete.

TUFFACURE P becomes an integral part of the concrete surface. It is non-degrading, enabling it to also be used as a surface treatment for new and existing concrete to seal, harden and protect from staining, frost damage, efflorescence etc. Can also lessen the damage caused by graffiti, as the surface pores are sealed.

TUFFACURE P can be used on concrete which is to receive further surface treatments or where a degrading resin film forming curing membrane is not desirable due to the time the membrane film takes to degrade.

ADVANTAGES

- Water based and virtually odourless and therefore ideal for use in confined areas or areas of poor ventilation
- Retains over 85% of the water in the concrete during the first 72 hours
- Non-yellowing, stable product not significantly altering the appearance of mortar/concrete.
- Non-staining, non-toxic and non-flammable.
- Becomes an integral part of the concrete surface, assisting in hardening, dustproofing.
- Very economical spray applied curing aid.
- Will not prevent the adhesion of most post applied surface treatments, coatings, cementitious mortars or tiling adhesives, etc.
- Helps concrete to achieve maximum strength and therefore long term durability by minimising surface shrinkage cracking, crazing and dusting.
- Penetrates, seals and protects newly cast concrete to improve abrasion resistance and durability.

PROPERTIES

Appearance:	Opaque White Liquid
Specific Gravity:	1.03 @ 20°C
Freezing Point:	-5°C
Storage Life:	12 Months in manufacturer's sealed drums.

COVERAGE

Spray applied at a rate 5-7m²/litre.

Norsekem Limited

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APPLICATION

TUFFACURE P should be spray applied to the surface of newly placed concrete. Application should take place as soon as practicable after final finishing, once any residual surface water from trowelling has evaporated. Apply using a conventional plastic pressure sprayer such as a MESTO PROFI PLUS with an 8004 nozzle fitted at 5-7m²/litre, taking care to ensure complete and even application. Best results are achieved by holding the nozzle approximately 0.5 to 1m from the surface, whilst spraying backwards and forwards over small measurable sections (1 to 5m²). For maximum curing efficiency, if the surface is subject to strong sunlight or very drying winds, a second coat should be applied as above, once the first coat has dried but whilst still tacky and the membrane film has formed. This waiting time is generally 15 minutes depending upon climatic conditions.

LIMITATIONS - Must not be applied before powerfloating. Not suitable for structures that will be Silane treated.

STORAGE & HANDLING

Manufacturer's sealed drums requires no special storage facilities, but avoid freezing temperatures and prolonged temperatures above 40°C. Keep away from foodstuffs and children.

HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request

PACKAGING & TRANSPORT

Supplied ready for use in plastic 25ltr and 200ltr containers. Do not dilute. Not regulated for Road Transport

QUALITY ASSURANCE

Norsekem Limited Products are manufactured under quality assured schemes

Norsekem Limited products are guaranteed against defective materials and manufacture. Products are sold subject to the Norsekem Limited Terms and Conditions of Sale, copies of which are available on request. Norsekem Limited endeavors to ensure that the above data and any further advice is correct, Norsekem Limited can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.

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