Product Data

ABCD 410
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ADOSAFE

Eco-Friendly Concrete Release, Curing & Sealing

ADOCURE WW & WWT

Concrete Curing Compounds

Advantages

- Economical and easy to use.
- Prevents premature drying out of the concrete surface, thus:
- Reducing the risks of surface cracking and reducing the risk of surface dusting.
- Improves the durability of the concrete surface.
- Will enable the concrete to attain improved physical properties.
- Silane compatible. Environmentally friendly
- Guaranteed not to adversely affect the bond of subsequent coatings, screeds or renders.
- UKWFBS listed as suitable for use on potable water projects.
- A tinted grade with a fugitive dye, **ADOCURE WWT**, is also available to assist in identification during application.

ADOCURE WW physically "locks" moisture into freshly cast concrete surfaces to allow full hydration of the cement thus allowing the concrete to fully "cure". It does this by blocking the pores in the concrete surface with a silica gel, this gel has been specially developed to dry out over a period of seven days or so, the most critical period for concrete curing, in so doing it gradually shrinks, thereby unblocking the pores in the concrete giving access to the capillaries within the concrete which then allows the uninhibited uptake of subsequent concrete surface treatments such as silane.

ADOCURE WWT is identical in every respect to **ADOCURE WW** other than it contains a blue dye to ease identification and application. This is a fugitive dye i.e. it is removed under the action of ultra violet light, and correctly applied will not permanently discolour the concrete.

We guarantee that **ADOCURE WW** and **ADOCURE WWT** will not adversely affect the bonding of any renders screeds or coatings that would normally bond to concrete.

Coverage

Apply the selected grade by spray at a rate of approximately 5.5m^2/litre taking care to ensure complete coverage. Immediately after use the spraying equipment should be thoroughly washed out with clean water.
NOTE. Care should be taken that over spray does not get onto paint or glass. Permanent damage may be caused if not rinsed off immediately.

Use on freshly cast surfaces

Apply progressively as soon as final tamping or trowelling has been completed. If surface water is present a second application is desirable once the surface water has evaporated. Avoid ponding of **ADOCURE WW** curing agent by applying at the correct rate, as ponding may glaze the surface of the concrete.

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Use on surfaces struck from shuttering
On surfaces struck from shuttering the concrete is "hungry" for water, flood coat with water as soon as the formwork is struck, as soon as this water has run off, apply the desired grade of **ADOCURE WW.** If this is not done it is possible that the curing compound will be "sucked" below the concrete surface leaving the concrete surface unprotected and if **ADOCURE WWT** has been used UV light may be unable to act upon the "fugitive dye", thus leaving the concrete with a permanent blue hue. This advice regarding the flood coating of concrete surfaces protected by formwork is applicable whatever curing agent you may be using.

Curing agents are designed to lock moisture into concrete; they can only achieve this by being on the surface of the concrete. In extremes of temperature, to reduce the risk of thermal shock, it may be desirable to preheat both the **ADOCURE WW** and the water used to floodcoat the concrete prior to application. **ADOCURE WW** and **ADOCURE WWT** are water based products and as such are capable of freezing in extreme weather conditions. If this should occur prior to application simply allow defrosting and ensure that the contents of the container are thoroughly agitated before use.

At normal concreting temperatures the curing compound will not freeze and there will be no problems regarding application. Formwork surfaces should preferably be struck at temperatures above freezing and once again there will be no problems regarding application. As soon as either **ADOCURE WW** or **ADOCURE WWT** come into contact with the concrete surface they immediately react with the cement particles and block the pores allowing undisturbed hydration to commence.

Under subsequent exposure to freezing conditions curing compounds do not provide thermal protection and it may be advisable to provide independent thermal protection.

Packaging
Available in 25 litre and 210 litre containers.

Health and safety
During application avoid contact with eyes and skin. In the event of eye contact irrigate immediately with copious quantities of water and then seek medical advice. In the event of skin contact, wash with soap and water.

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