

ENVIROCRETE Concrete Curing Agent

Water Based Curing Agent For Concrete

Description

An aqueous solution of metallic silicates which when applied to fresh concrete forms a micro-crystalline seal in the pores, reducing the evaporation of moisture from the mix thus assisting in the efficient curing of the concrete. The aqueous element of Envirocrete Curing Agent will evaporate into the atmosphere and the silicates become an integral part of the concrete, leaving no residues or deleterious material on the concrete surface. Removal is not required; the porosity of the concrete is slightly reduced but the bond with subsequent coatings/treatments, whether on cast or trowelled surfaces, will be unaffected.

Advantages

- Non staining, non toxic; ideally suited for reservoirs and other potable/wholesome water structures
- Water based, ideal for use in areas of poor ventilation
- Aids concrete to attain maximum hydration, strength, durability and surface hardness
- Shrinkage with associated with hairline cracking and crazing is greatly reduced in vertical and horizontal applications
- Optional non-staining fugitive dye available, to assist application if required
- Extremely economical and easy to apply; a single film application only is required, using PDS' spray equipment or similar
- Compatible with Silane

Technical information

Approved by WRAS for use with potable/wholesome water

Appearance	Clear liquid
S.G. @ 20°C	1.1
Coverage	5.5-6.0 m ² per litre
Freezing point	-5°C
Flash point	Non flammable

Tested in accordance with BS 6920:2000



Application Instructions

On vertical surfaces thoroughly dampen with water after stripping formwork. Envirocrete Curing Agent can then be easily sprayed over the concrete surface, at the designated rate. For horizontal freshly placed concrete, ensure that there is no free-standing water on the surface before spraying. Avoid any ponding on the concrete surface.

Clean equipment immediately after use with water, avoiding contact with glass or paintwork.

Packaging

Envirocrete Curing Agent is supplied in 20 litre and 210 litre drums.

Storage

Envirocrete Curing Agent should be stored at normal temperatures and protected from frost, out of the reach of children and away from foodstuffs. All containers should be resealed after use.

Health & Safety

Product Safety Data Sheets (SDS) are available from PDS. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall PDS be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical representatives are available to provide further information and arrange demonstrations.

Technical Note

We would recommend that site trials are carried out to demonstrate the compatibility of Envirocrete Curing Agent with any proposed coating/treatment.

Envirocrete Curing Agent, when used with the optional fugitive dye, does not cause staining. For advice regarding the factors which can affect staining please contact our Technical Department.