

ADCOcure 211

Concrete curing compound,
water-based acrylic

ADCO
Construction-
and Mining
Chemicals

adcon
www.adcon-namibia.com

adcon cc
established 1994

Head Office: Nr 7 Eider Street, Lafrenz, PO Box 80490, Windhoek, Namibia Tel : +(264)61-215340 Fax : +(264)61-238429 E-mail : adcon@iafrica.com.na
Walvis Bay Branch : Unit 14, 10th Street, Factory Park, PO Box 4587, Walvis Bay, Namibia Tel : +(264)64-221343 Fax : +(264)64-221344 E-mail : wvb1@adcon.com.na

technical data sheet

DESCRIPTION

ADCOcure 211 is a water-based copolymer styrene acrylic emulsion in liquid form, applied onto freshly finished or de-moulded concrete surfaces to prevent evaporation loss of water and thereby enhances the hydration reaction of the cement constituent in the concrete mix. The product is supplied as a milky white liquid and dries to a transparent stain-free finish on the concrete surface. Its alkali resistance makes it specifically suitable for the application directly onto green concrete surfaces.

APPLICATION

ADCOcure 211 is applied by spray or brush as supplied (no dilution required). It is important to install the product as soon as practically possible after completion of the steel-troweling / power floating or removal of formwork. The correct application rate is 6 – 8 m² per litre; over-application will result in a glossy concrete surface finish.

ADCOcure 211, at correct coverage, does not form a separate film / membrane but reacts to become an integral part of the surface. As a result, no time delays for film breakdown processes are required as is the case with resin-based, film-forming curing compounds. The product has been designed to allow subsequent surface treatments such as plastering, painting, screeding, tile adhesives, etc be applied directly onto the treated surface without preparation such as acid etching, scabbling or priming. Should special overlay systems be specified, please consult ADCO Construction Chemicals for chemical compatibility.

ADCOcure 211 can be applied to coloured cement-based surfaces such as ADCO FloorArt 151 or ADCO CemArt. The product can be applied as curing compound to surfaces of concrete members exposed to potable water.

Equipment after contact with ADCOcure 211 is cleaned with water directly after use.

PROPERTIES

Colour	Milky white, slightly viscous liquid
Density	1.01 at 20°C
Packaging	5 litre, 25 litre or 200 litre containers
Shelf life	12 months from date of manufacture if stored at uniform temperature (5°C - 25°C)
Non-flammable	
Toxicity	None
Freezing point	0°C

QUALITY ASSURANCE

Our manufacturing and testing procedures comply with relevant standards.

COMPLIANCE

Specification literature : ASTM C309-03.

SAFETY

There is no health risk involved in handling ADCOcure 211. The standard protective measures such as wearing gloves and goggles are recommended.

Remember : Keep away from children, handle responsibly and consider the environment.

UPDATE

May 2017.

This supercedes all previous documentation.