Dacrylate PRODUCT INFORMATION

Product Name:	**DAC CRETE 49 SB – HIGH BUILD ANTI-CARBONATION COATING**
Reference Number:	49-line
Coating Type:	Modified Acrylic
Typical Uses:	Protection of concrete from effects of 'Carbonation'. Low permeability to carbon dioxide and water. High permeability to water **VAPOUR.**
Colours Available:	White (other colours to special order, may be subject to minimum order quantity).
Appearance of Dried Film:	Sheen finish
Volume Solids:	40%
Dry Film Thickness:	**Typical:** 70 microns per coat
Theoretical Coverage:	5.7m² per litre at 70 microns dry film thickness. (**Note:** This is a **theoretical** figure, **practical** coverage will vary widely, depending on surface profile, porosity of substrate, etc.)
Drying Time at 20°C: (Will vary with temperature, air movement etc.)	**Touch Dry**: 1 hour **Firm Dry**: 2 hours **Overcoat**: 2 hours
Packaging:	5 litre containers.
Shelf Life:	2 years in unopened containers, when stored under cover in good storage conditions.
Storage:	Under cover within temperature range of 5°C to 32°C.

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Surface Preparation:

(i) Ensure substrate is clean and dry. New concrete must be cured with a moisture content of less than 8%

(ii) Apply one coat of Dac Crete Clear Sealer, ref:49-1

Application:

Apply by brush to a wet film thickness of 175 microns to achieve a dry film thickness of 70 microns per coat.

May also be applied by spray. Up to 10% of Dacrylate Thinner R5 may be required to give optimum spray characteristics.

Carbonation Test Results

(Carried out by Taylor-Woodrow Laboratories, based on 1 coat of Dac Crete Sealer, ref:49-1, and 2 coats of Dac Crete 49 SB. Dry film thickness 140 microns.

u Value = 1.02 x 10
'R' Value = 143 metres
(An 'R' value of at least 50 metres is necessary for 'Carbonation' resistant coatings).

Copies of test certificates are available on request.

Clean Up: Dacrylate Thinner R8

Health and Safety: Please see relevant MSDS sheet.

Issued: October 2001 SW/DAE/CR/WHC