

TECHNICAL PRODUCT DATASHEET

DacCrete 59WB

DacCrete 59WB High build anti-carbonation coating provides protection to masonry and concrete from the effects of 'carbonation'. Low permeability to carbon dioxide and water, and high permeability to water vapour.

PRODUCT INFORMATION

Coating type:
Acrylic latex

Anti-Carbonation Tests

Independently tested and approved by Taylor Woodrow Laboratories as an 'Anti-Carbonation Coating'. Test Certificate No. 3789 and No. 3821.

Reference number:
49-145 (Brilliant White)

Appearance:
High sheen/gloss finish

Colours available:
Brilliant White – *Other colours may be available to special order subject to minimum order quantities, contact Dacrylate Customer Services for further details on 01623 753845.*

TECHNICAL INFORMATION

Theoretical coverage:

6.29m² per litre at 70 microns dry film thickness

Note: This is a theoretical figure, practical coverage may vary widely, depending on surface profile, porosity of substrate, application method etc.

Film thickness:

	Wet Film Thickness	Dry film thickness
Typical:	160 microns	70 microns

VOC:

EU Limit value for this product (Cat A/c): 40g/L (2010)
This product contains max 2g/L to EU Directive 2004/42/CE.

Recommended primer:

Dacrylate Masonry Sealer (150-50)

% Volume solids:

44% calculated from laboratory formulation
May vary with colour.

Drying time:

Temp.	Touch dry	Firm dry	Overcoat
10°C	2hrs	4-6hrs	4-6hrs
15°C	1hr	3-5hrs	3-5hrs
20°C	30mins	2-4hrs	2-4hrs

To achieve these drying times, the coating must be exposed to adequate air movement with good ventilation.

SURFACE PREPARATION

Surface preparation:

All surfaces to be coated should be clean, dry, and free from contamination including loose and flaking material. New concrete must be cured with a moisture content of less than 8%.

Treat any fungal, algal, or other organic growth with a suitable sterilisation product.

Repairs:

Surface repairs should be carried out prior to beginning painting work and allowed to dry sufficiently.

Apply one coat of Dacrylate Masonry Sealer (150-50) to all new surfaces, filled areas, or repairs.

APPLICATION

Application conditions:

This material should preferably be applied at temperatures more than 10°C. Relative humidity should not exceed 90% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

Brush application:

Apply by brush to a wet film thickness of 160 microns to achieve a dry film thickness of 70 microns per coat. Typically, 2 coats of 70 microns each would be applied over sealed surfaces

Spray application:

May be applied by spray. Up to 10% of clean water may be required to give optimum spray characteristics. Typically, 2 coats of 70 microns each should be applied over sealed surfaces.

Clean-up:

Remove as much product as possible from used equipment before cleaning. Clean all equipment immediately after use with warm soapy water and rinse. Do not empty product into drains or local water courses. Seek advice from relevant local authorities if in doubt as to disposal route. Always replace the lid firmly.

STORAGE AND PACKAGING

Storage:

Under cover within temperature range of 5°C to 32°C. Keep containers dry and tightly sealed to avoid moisture contamination.

Shelf life:

2 years in unopened containers when stored under cover within a temperature range of 5°C to 32°C.

Packaging:

5 litre containers

HEALTH AND SAFETY

Please refer to the following data sheets:

Dacrylate DacCrete 59WB 20712

All work involving the application and use of this product should be performed in compliance with all relevant national, health, safety & environmental standards, and regulations

IMPORTANT INFORMATION

The information supplied in this product datasheet is not intended to be exhaustive. Any person using the product for any other purpose than that specifically recommended in this product datasheet, without first obtaining written confirmation from Dacrylate Technical Services as to the suitability of the product for the intended purpose does so at their own risk. All advice given about the product is correct to the best of our knowledge, however we have no control over the condition of the substrate, preparation or the many factors affecting the use and application of the product. Therefore, unless specifically agreed in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product.

Dacrylate warrants its products to be free from defects in material and workmanship. Dacrylate's obligations and buyer's exclusive remedy relating to the products shall be limited, at Dacrylate's option, to either replace the products not conforming the warranty or the credit of the buyers account in the invoiced amount of the non-conforming product. Any claim under this warranty must be made by the Buyer to Dacrylate in writing within five (5) days of the Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. The Buyer's failure to notify Dacrylate of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

The information detailed in this datasheet is liable to modification from time-to-time in the light of experience and our programme of product development. Before use, it is the customers' responsibility to check with Dacrylate Customer Services, quoting the product reference number and version reference at the bottom of the data sheet, to ensure that they have in their possession the latest issue.

Technical product datasheets are available from our website at www.dacrylate.co.uk and should be the same as this datasheet. Should there be any discrepancies between this document and the website version, then please contact Dacrylate Customer Services.

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