



CF1

TECHNICAL DATA

The information contained within this Technical Data Sheet, details product description, health and safety hazard information of the product and how to safely handle and use the product in the workplace. Also refer to the MSDS for more information. Each user of this product should read the MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Demtech Australia Pty Ltd. Demtech Australia Pty Ltd makes no representation as to the completeness and accuracy of the data contained within this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Demtech Australia Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

DESCRIPTION

Cureflex CF1 is a high strength, paste-type, acrylic tile adhesive with non-slump and extended open time characteristics. Suitable for interior walls and all types of masonry substrates, CF1 has minimal environmental impact due to a specific formulation free from solvents, formaldehyde and other harmful chemicals. Areas of use include cement based renders, gypsum boards, interior walls and floors, sound painted surfaces and tile underlays and more.

PROPERTIES

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|--------------------|---|
| Binder | Styrene acrylate |
| Filler | Precisely graded crushed dolomite |
| Colour | Natural white |
| Additives | Contains additives to improve plasticity and adhesion |
| Consumption | 1.5-2.0 Kg/m ² depending on tile and base |
| Open time | 30 minutes |
| Adjustability time | 45 minutes |
| Grout ready | 24 hours |
| Storage | 12 months in original unopened containers |



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PREPARATION

Preparation

All surfaces must be cleaned, primed, dry and free from any contaminants such as dust, oil, wax, grease, curing agents or other substances that may affect adhesion performance. Building debris such as offcuts, sawdust, nails, screws, plaster, wood, etc., must be thoroughly cleaned with the aid of a broom, vacuum cleaner and damp sponge.

Ensure that the concrete slab has cured for 7-14 days during warmer temperatures or for 14-28 days during colder temperatures. Ensure that screeds have cured, normally after 7 days depending on screed thickness and temperature. Ensure waterproof membranes have cured, minimum 24 hours after application.

Before applying to old surfaces, ensure the substrate is secure. First wash down the surface with a sugar soap solution, then rinse and allow to dry before continuing. Cureflex CF1 should be applied in a layer approximately 3mm thick over the prepared surface using the smooth side of a notched trowel. Pull the trowel through the applied layer using the notched side. Lay tiles over adhesive immediately after spreading to avoid skinning. If skinning occurs remove adhesive completely and re-apply.

Working Time

Open time - 30 minutes.

Adjustability time - 45 minutes.

Grout ready - 24 hours.

APPLICATION

Application

Lay tile over adhesive then lift tile up again. Inspect the underside of tile for complete bedding adhesion. Tiles must be well bedded, eliminating any voids. Do not 'butt join' tiles together, ensure minimum grout joints of 1.5-3.0mm spacing between tiles. Larger joints are required for quarry/stone tiles. Tile spacers must be removed prior to grouting per AS3958.1 section 5.4.6 (e).

Installation must be undertaken in accordance with the Australian Standard requirements. Tiling must be undertaken in accordance with AS3958.1 'Guide to the installation of ceramic tiles handbook.'

Do not apply below 5°C or above 30°C or when relative humidity is above 85%. Do not apply externally if rain is expected. Contact customer service for more information on 1300 300 090.



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APPLICATION Cont.

Expansion Joints

It is required that the installer has full knowledge/understanding in relation to expansion joint installation. Expansion joint requirements relating to specific applications can be obtained from designers, architects, builders, tile and expansion joint manufacturers or the Australian building codes of practice. Failure or improper building practices may void warranty.

Grouting

Tiles may be grouted 8 hours after installation depending on temperatures. Grouting generally is best performed 24 hours after tiles have been installed.

Cleaning

Clean tools with water. For best results, clean tiles and other surfaces with a damp sponge whilst adhesive is fresh.

IMPORTANT NOTICES & CONTACT POINTS

General

The information contained herein is based on present state of our knowledge and does not guarantee certain properties. Recipients of our products must take responsibility for observing laws and regulations. The information contained within is published free of charge in good faith and is based on technical data that Demtech Australia Pty Ltd considers to be reliable.

Disclaimer

The information within is intended for use by skilled and/or persons with technical knowledge. They required to make their own assessment and use product at their own risk and discretion. Information contained in this product sheet conforms to the standard detail recommendations and specification for the use of Demtech Australia products as of the date of this document. Demtech Australia Pty Ltd make no other warranties and assumes no liability, expressed or implied. To ensure that you are using the most complete and up to date information, contact Demtech Australia Pty Ltd.

Technical Department

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Australian Poisons Information Centre

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Police & Fire Brigade

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