



WS21

TECHNICAL DATA

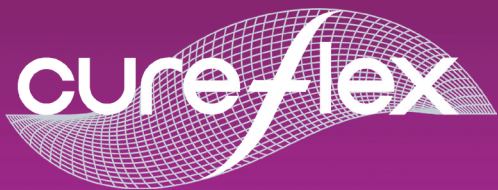
The information contained within this Technical Data Sheet, details product description, health and safety hazard information of the product and how to safely handle and use the product in the workplace. Also refer to the MSDS for more information. Each user of this product should read the MSDS and consider 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 WS21 is a unique single-component, rapid-setting, repair mortar which can be used to stop water leakages in concrete and masonry. Cureflex WS21 compensates for shrinkage which helps to create a watertight seal, even under constant water pressure. Areas of potential use include: basements, foundations, reservoirs, sewer pipes, tunnels water tanks and more.

PROPERTIES

Product	Cement based, rapid setting water-stop mortar
Binder	Hydraulic and organic binders
Filler	Inert finely graded washed fillers of sand or quartz
Colour	Dark grey
Application conditions	5°C - 30°C
Compressive strength	>20N/mm ² (7 days) >25N/mm ² (28 days)
Flexural strength	>3N/mm ² (7 days) >8N/mm ² (28 days)
Tensile strength	>1N/mm ² (28 days)
Setting time	5 minutes (initial), 2 hours (full cure)
Wet density	1900kg/m ³
Water demand	0.26L water : 1kg powder
Application thickness	50mm (vertical), 30mm (overhead)
Yield	20kg powder + 5.2L water = 13.5L mixed product
Consumption	1.6 kg/m ² /mm thickness
Storage	9 months in original unopened container



WS21

TECHNICAL DATA

PREPARATION

Preparation

All surfaces must be cleaned, 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.

Remove any standing water from the intended area of use. If repair area is dry at time of repair, moisten the surface before application of Cureflex WS21.

APPLICATION

Application

Cureflex WS21 can be applied either dry or wet. For wet application, mix a small quantity of product with water to form a stiff paste and fill the void by pressing the paste into the damaged area and holding in place for 3-5 minutes.

Only mix sufficient material that can be used within 1-2 minutes. Do not mix for more than 30 seconds. Once the repair has set, excess material can be removed by cutting surface with a trowel or spatula to ensure the repair is level with the surrounding surface.

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

Setting time

Initial - 5 minutes.
Full cure - 2 hours.

Cleaning

Store liquid in its original pail and clean tools with water.



WS21

TECHNICAL DATA

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

Demtech Australia Pty Ltd (ABN 91 131 136 706)
16 Logis Blvd, Dandenong South VIC 3175 Australia
Website: www.demtech.com.au
Technical Support: 1300 300 090

Australian Poisons Information Centre

13 11 26

Police & Fire Brigade

000