

# 2-PART PCM17

## TECHNICAL DATA

The information contained within this Technical Data Sheet, details product description and performance values, information of the product and how to safely handle and use the product in the workplace. 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 in 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.

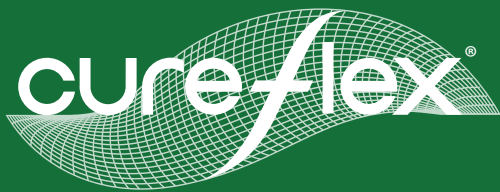
### DESCRIPTION

Cureflex® - 2PART PCM17 is a fast drying "2PART" waterproof membrane that is suitable for a wide range of waterproofing applications. It consists of Part A (liquid) and Part B (dry powder). Cureflex® - 2PART PCM17 uses a new technique in "Cross-Collateralisation" in (PPT) Powdered Polymer Technology, provides outstanding adhesion properties over a variety of building substrates such as; concrete, masonry, Hebel panels, renders, compressed sheeting, cement sheet underlays, villa board, cement based compounds and all grade plaster board. Cureflex® - 2PART PCM17 also offers excellent surface adhesion properties for typical overlaid finishes such as screeds, renders and tile adhesives.

### IDENTIFICATION

Product Name	2 Part PCM17 Polymer Cementitious Membrane
Other Names	None
UN Number	None
Dangerous Goods Class	None assigned
Subsidiary Risk	None assigned
Shipping Name	None assigned
Hazchem Code	None assigned
Poisons Schedule Number	None assigned



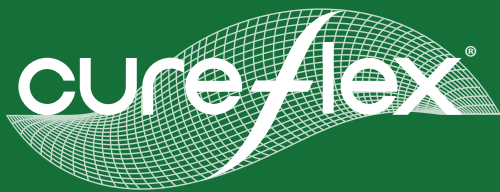


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### TYPICAL ANALYSIS + TEST RESULTS AS/NZS 4858-2004

Appearance	Light Blue
Classification	Class II
Elongation	96%
Water Absorption	1.60%
Vapour Transmission	5.76g/m <sup>2</sup>
Bond Strength	1.7MPa (to concrete)
Tensile Strength	1.62 MPa
Water Immersion	Up to 56 days - Pass
Detergent Immersion	Up to 56 days - Pass
Bleach Immersion	Up to 56 days - Pass
Heat Ageing	Pass
Cyclic Movement	Pass
Ageing Resistance	Pass
Flexibility Pass	Pass
Setting Time	5 -7 hours (dry film)
Working Time	60 minutes
Application Temperatures	Above 5 °C or below 30 °C (surface temp)
Minimum Wet Film Thickness	1.6mm
Minimum Dry Film Thickness	2.01mm

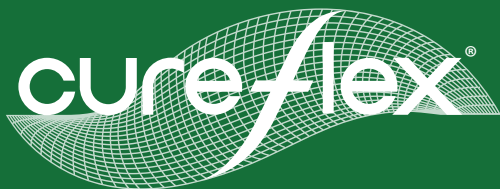


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### PREPARATION / APPLICATION

Use	All substrates must be clean and free from any contaminants. Substrates should also be fastened and well secured as per manufacturer's recommendations. Cureflex® waterproof membrane may be applied using a brush or roller.
Application Rate	Apply a minimum of two coats. Achieve a wet film thickness of 1.6mm. Apply enough material/layers to achieve a minimum dry film thickness of 2mm.
Mixing	Cureflex® PCM17 is formed by mixing a 1 to 1.5 ratio (1L of Part A liquid to 1.5kg of Part B dry). Use an electric stirrer with paddle and mix until a smooth, lump free consistency is formed.
Priming	When applying over porous surfaces, including green slabs/screeds (slab/screed must be cured for at least 7 days) use Cureflex® PG57. When applying to non-porous surfaces use Cureflex® LS151.
Typical Use	Substrates: concrete, masonry, hebel Panels, renders, compressed sheeting, cement sheet underlays, villa boards, cement based compounds and all grade plasterboard.
Curing	Recoat: 1-3 hours Dry film: 5-7 hours Tile/toppings over: 24 hours Immersion: 21 days
Storage	Store unopened drum undercover in a room type environment away from sunlight and cyclical conditions. Under these conditions product should retain its characteristics for at least 12 months from manufacturing date.
Cleaning	Wash tools with water.



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### OTHER INFORMATION

Ecology	Avoid contaminating waterways and sewers.
Packaging & Labelling	Dry powder 15kg poly lined valve bag stored in empty mixing bucket. Liquid additive 10kg pail.
Important	Not to be used as an exposed membrane coating in areas subject to UV. Not designed as a trafficable membrane coating. Not to be used in areas subject to negative hydrostatic conditions. Do not apply when rain is imminent. Do not apply when surface temperatures are below 5 °C or above 30 °C. All finished coatings over this membrane are to be water based and solvent free. Polymer modified cement based adhesives and enhanced toppings to be used directly over.

#### **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, based on technical data that Demtech Australia Pty Ltd considers to be reliable.

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#### **Australian Poisons Information Centre**

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#### **Police & Fire Brigade**

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