

Screed Primer 35

The information contained within this MSDS details health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user of this product should read this 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.

STATEMENT OF HAZARDOUS NATURE

Classified as Hazardous. Non Dangerous Goods according to criteria of NOHSC & ADG Code.

IDENTIFICATION

Product name	Cureflex Screed Premix 35
Other names	None
UN Number	None assigned
Dangerous goods class	None assigned
Subsidiary risk	None assigned
Shipping name	None assigned
Hazchem code	None assigned
Poisons schedule number	None assigned

DESCRIPTION

Cureflex Screed Premix 35 is a cementitious high Performance, flexible powdered pre-blended mixture designed with extreme levels of compressive and flexural strength. It contains polymers, fibres and additives that allow thin beds of 10mm and as thick as 100mm. Ideally used for shaping and formation of shower bases over flexible and solid substrates, adjusting floor heights, pointing and/or filling small voids. Cureflex Screed Premix 35 has been specifically engineered to withstand structural movement within tolerances set out by the BCA.



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PHYSICAL DESCRIPTION AND PROPERTIES

Appearance	Grey powdered mixture
Compressive strength	18.5mpa
Flexural strength	4.6mpa
Bond strength	Not known
Setting time	4 – 6 hours at 20 °C (depending on moisture content and screed thickness)
Working time	2 – 4 hours at 20 °C (depending on moisture content and screed thickness)
Application temperatures	Not less than 5 °C and not over 35 °C
Coverage	20 kg at 15 mm thick = 1 m ² (Based on completely flat surface – coverage may vary depending on substrate surface and moisture content)
Classification	Conforms to AS 3972 Australian Standard Requirements

PREPARATION AND APPLICATION

Surface Preparation	All surfaces must be clean, dry and free from any contaminates such as dust, oil, wax, grease, curing agents or other substances that may affect adhesion performance. Building debris such as off cuts, sawdust, nails, screws, plaster, wood etc., must be thoroughly cleaned with the aid of a broom, vacuum cleaner, damp sponge. Note: If applying over existing tiles or non-porous surfaces, various preparation methods apply depending on application. It is recommended to contact Technical Support on 1300 300 090 for advice and instructions. Do not apply over deteriorating substrates. Ensure that new concrete slab have fully cured 7 - 14 days during warmer temperatures or 14 -28 days during colder temperatures. Ensure waterproof membranes have cured, minimum 24 – 48 hours after application.
Priming	Prime substrates with Cureflex PG57 Primer using brush, broom or roller. Allow Primer to reach a touch dry film prior to application. Do not over dilute Primer. Mix 1 part of Primer to 2 parts clean water. Extremely porous surfaces may require second coat.
Mixing	Use only clean tap or rain water to mix Cureflex Screed Powder. Pour approximately 1.75L of water in a clean container and gradually add 20 kg of Cureflex Screed Powder while mixing. For best results mix 10kg of product at a time using a mechanical mixer at medium to high speed. Mix to a moist consistency. Do not over water, excessive water will affect workability.
Curing	Screed begins to set after 4 - 6 hours and is trafficable approximately 24 hours after installation depending on air and substrate temperatures and screed thickness. Optimum performance level is reached after 28 days of curing.
Application	Spread Cureflex Screed Premix 35 over prepared surface or substrate. Spread evenly to de-sired height. Fill in all voids then compress mixture flat and even. Shape and form screed using straight edge and trowels.
Precautions	Substrates must be firm and secured in particular Particle Boards and Ply Board must be fixed in accordance to AS3958.1 and BCA Standard Requirements.

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Substrates Compatible with most solid substrates such as concrete, masonry, plaster board, fibrous cement sheeting, renders, over existing tiles (*see note*) and timber substrates. Timbers such as: particle Boards and ply boards must be well secured and fixed in accordance to AS 3958.1 ceramic tile/guide to the installation of ceramic tiles handbook. All substrates should be pre-tested to ensure suitability.

Clean Up Clean tools with water. For best results clean work area and other surfaces with damp sponge whilst product is fresh.

NOTE: existing tiles need to be well bonded to substrate. Top surface of existing tiles need to be thoroughly cleaned and free from wax, grease, grim, oils, epoxies, solvents or any other foreign substance that may affect adhesion performance. After cleaning, apply Cureflex PG57 Primer neat. Allow to dry for 30 mins prior to application.

HEALTH HAZARD INFORMATION

This product is hazardous according to health criteria of NOHSC Australia, but not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Health Effects
Chronic: Long term exposure to high dust concentrations may cause irritation to lungs and result in breathing disorders, as cement and silica are classified as carcinogenic. Contact with skin, inhalation of dust, vapour ingestion in any form should be avoided. Sensitisation may result in allergic dermatitis responses including rash, itching, swelling of extremities, redness and irritation. Principal routes of exposure are by accidental skin and eye contact and by inhalation of dusts. As with any powdered chemical product, contact with unprotected bare skin; inhalation of dusts in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

Swallowed Material is irritating and mildly corrosive if swallowed. Ingestion may result in nausea, abdominal irritation, pain and vomiting.

Eye Prolonged exposure may cause eye irritation or burning and may cause conjunctivitis.

Skin Prolonged exposure may result in slight skin irritation and or drying and may lead to dermatitis or may cause sensitisation.

Inhaled Excessive exposure to dusts can cause damage to health and lungs slight irritation to eyes, nose and throat. Dust is irritating to upper respiratory tract and lungs. Over exposure to irrespirable dust may cause coughing, wheezing and irritation to the nasal passages.

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FIRST AID

Swallowed	Rinse mouth then provide water slowly. If poisoning occurs, seek medical assistance immediately, contact doctor or poisons information centre. Do not induce vomiting. Material highly irritating and mildly corrosive if swallowed.
Eye	Immediately flush with large amounts of water for at 5-10 minutes; lifting upper and lower lids. Seek medical attention if irritation persists.
Skin	Wash with water and soap. Seek medical attention if irritation persists.
Inhaled	If affected, move subject to fresh air. Seek medical assistance if symptoms persist.
First aid facilities	Ensure availability of eye wash fountains and/or water access.
Advice to doctor	Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection

Respirator type (AS/NZS 1716)	Where concentrations in air may exceed the recommended exposure limits, or work practice or other means of exposure reduction are not adequate, approved respirator may be necessary to prevent overexposure by inhalation.
Eye protection	Safety glasses as appropriate
Clothing	Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.
Flammability Fire Hazards	Product is non flammable according to the Australian Code for the Transport of Dangerous Goods.

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SAFE HANDLING INFORMATION

Storage and Transport

Location	Store in a cool dry area to prolong storage life.
Temperature conditions	Best stored at room temperature.
Protection from weather	Store undercover and away from heat sources, water and electric plant.
Storage incompatibilities	Not applicable.

Spills Disposal

Clean up spills	Do not contaminate streams, rivers, or water courses. Do not flush down drains and sewers. Inform local authority if product enters drains, sewers, streams, etc. Clean up before the material dries. Sweep and wipe all traces of product.
Disposal	Dispose of product in accordance with local, state and federal regulations.
Precautions for clean up crew	Nitrile rubber or PVC gloves, safety glasses & respirator

Fire / Explosion Hazard

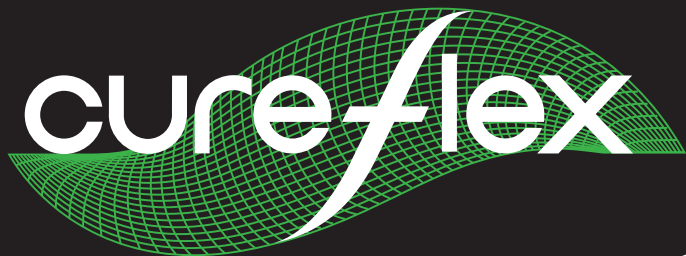
Hazard of use and storage	Non-combustible, not considered a fire risk.
List of dangerous decomposition or combustion products	None
Types of extinguisher	No restriction Listed - water, foam, CO ² and dry chemical.
Precautions	Fire fighters should wear self-contained breathing apparatus.
Protective Clothing	None
Reactivity	None

OTHER INFORMATION

Ecology	Avoid contaminating waterways and sewers.
Packaging & Labelling	Poly-lined valve bag to be stored as per manufacturers recommendation
Precautions for Use	None assigned
Reactivity Data	N/A
Toxicity Data	N/A

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CONTACT POINT

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Australia Poisons Information Centre

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Police & Fire Brigade

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General

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Disclaimer

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To ensure that you are using the most complete and up to date information, contact Demtech Australia Pty Ltd.

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