



STRONGCRETE

MULTIPURPOSE COMPOUND



DUNLOP STRONGCRETE is a highly versatile sealing and bonding solution primarily designed as an admixture for cement based rendering and screeding, where improved substrate adhesion and thin film cure are required. It is also an excellent adhesive and can be used with many different materials for internal or external applications. A true all rounder, Dunlop Strongcrete can also be used as a sealer and primer in selected applications.

SURFACE PREPARATION

Ensure that the surface to be primed is dry, clean, free from dust, oil, grease, paint, and all loose contaminating materials that can produce de-bonding. Substrate surfaces must be suitable for the subsequent products and materials being installed on to them.

APPLICATION

CEMENTITIOUS TOPCOATS, RENDERING OR PATCHING:

Initially apply a sealing coat of Dunlop Strongcrete (1 part Dunlop Strongcrete : 4 parts water by volume) to the suitably prepared surface and allow to dry. A subsequent application of a second coat mixed to the ratio of 4 parts Dunlop Strongcrete : 1 part water by volume is performed and whilst this bonding bridge coat is still wet or tacky, top coats, render or patching can be applied. To improve the performance of Portland cement based top coats, renders or patches, Dunlop Strongcrete admixture (1 part Dunlop Strongcrete : 10 parts water by volume) is used as the gauging liquid instead of plain tap water.

NOTE: Dunlop Strongcrete should not be used with Dunlop acrylic renders, nor should it be used with solvent paints nor alkyd based floor paints.

PRIMING AND SEALING PRIOR TO USE OF PAINT:

One coat of diluted Dunlop Strongcrete (1 part Dunlop Strongcrete : 4 parts water by volume) will act as a sealer or mechanical key when applied to new or old prepared cement rendered walls, plaster, etc. prior to applying water borne decorative paints. Allow 24 hours (minimum) for Dunlop Strongcrete to dry.

NOTE: Paint manufacturers guidelines must be followed. Dunlop Strongcrete is not intended to be used with oil and solvent borne alkyd paints.

DUST PROOFING AND REDUCTION OF OIL PENETRATING INTO INTERIOR CONCRETE FLOORS:

On a correctly prepared floor apply a sealing coat of diluted Dunlop Strongcrete (1 part Dunlop Strongcrete : 6 parts water by volume) by brush, roller, or by spray. Allow to dry for approximately 12 hours then a second coat sealing coat with a dilution of (1 part Dunlop Strongcrete by volume : 4 parts water by volume) is then applied and allowed to dry.

NOTE: Dunlop Strongcrete should not be used when directly applied onto solvent borne or alkyd based flooring paint.

PLASTERING AND SETTING ONTO CONCRETE AND MASONRY CEILINGS AND WALLS:

To the suitably prepared surface apply one sealing coat of Dunlop Strongcrete (1 part Dunlop Strongcrete : 4 parts water by volume) and allow to dry. A subsequent application of a second coat mixed with equal parts Dunlop Strongcrete to water is applied, and whilst still tacky, plaster with hardwall plaster mixed to required consistency with Dunlop Strongcrete admixture (1 part Dunlop Strongcrete : 4 parts water by volume) is used as the gauging liquid instead of plain tap water. Where using proprietary plastering compounds refer to the manufacturers instructions.

SCREEDING PRIOR TO TILING:

To the suitably prepared surface apply one sealing coat of Dunlop Strongcrete (1 part Dunlop Strongcrete : 4 parts water by volume) and allow to dry. A subsequent application of a second coat mixed with equal parts Dunlop Strongcrete to water is applied, and whilst still wet or tacky the screed bed is laid.

- Screed beds - 1 part cement by volume : 3 parts fine sand by volume

Further details for installation of screed beds prior to placing tiles or wet bedding tiles can be found in Australian Standard AS3958.

Dilution ratio in Parts by volume	Typical coverage
Undiluted	3m ² - 4m ² /L
Dunlop Strongcrete 4 : water 1	8m ² - 9m ² /L
Dunlop Strongcrete 1 : water 1	17m ² - 18m ² /L
Dunlop Strongcrete 1 : water 4	33m ² - 37m ² /L

BONDING TIMBER, & GENERAL CRAFT WORK:

Apply Dunlop Strongcrete directly from the pail to one surface only. Place the two surfaces together and press or clamp into position. Dunlop Strongcrete will set in approximately 30 minutes and maximum strength is attained in 12 hours.



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COVERAGE

DILUTION AS ADMIXTURE

Dunlop Strongcrete must be diluted with clean tap water when being used in the following applications and when used as an admix in parts by volume:

Approximately 1 litre of Dunlop Strongcrete diluted with 10 litres of water is sufficient for mixing with 20kg of cement to make mortars.

Application	Ratio Parts by volume
Sealing Coat	1 part Dunlop Strongcrete : 4 parts water
Bond Coat	4 parts Dunlop Strongcrete : 1 part water
Admixture to Sand & Cement	1 part Dunlop Strongcrete : 10 parts water
Admixture for cement topcoats, screeds, renders, plasters etc	1 part Dunlop Strongcrete : 10 parts water

DRY TIME

Drying times may vary depending on the method of application, thickness, surface moisture levels and temperatures.

When applied neat: Dunlop Strongcrete will set in 30 minutes with full cure in 24 hours.

Allow each application 24 hours to dry before applying a second and any subsequent coats.

STORAGE & SHELF LIFE

Dunlop Strongcrete has a shelf life of 12 months when stored in the original unopened packaging, in a dry place under cover and out of direct sunlight at 23°C and 50% relative humidity.

CLEANING

Wash brushes, sponges and rollers with clean water.

PLEASE PAY ATTENTION TO THE FOLLOWING

Dunlop Strongcrete is not intended to be exposed to water, moisture, dampness and not be used on its own in wet areas or outdoors applications.

Dunlop Strongcrete is intended to be diluted with clean tap water only, and not bore or salt water.

Dunlop Strongcrete is not a waterproofing product and is not intended to be used with Dunlop waterproofing membranes or floor levellers. Use Dunlop Primer & Additive or Dunlop Multipurpose Primer.

Dunlop Strongcrete is not intended to be a waterproof adhesive for bonding timber.

Dunlop Strongcrete is not intended to be a primer for Dunlop tile adhesives or as an additive mixed into Dunlop tile adhesives. Dunlop Primer & Additive and Dunlop Multipurpose Primer are to be used for these applications in accordance with their datasheets.

SAFETY

Dunlop Strongcrete is non-hazardous and non toxic. In the case of eye contact, rinse thoroughly with plenty of water for 15 minutes. In case of skin contact, was immediately with plenty of water and soap. If ingested, clean mouth with water and drink plenty of water. DO NOT induce vomiting. Wear protective gloves, clothing, eye and face protection. Avoid inhaling vapours. Ensure adequate ventilation during mixing and application. Keep out of reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet at dunloptrade.com.au.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system being employed and other products in that system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.



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WARRANTY

ARDEX Australia Pty Ltd ("we" or "us") guarantees this product (also referred to as "our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of application of the product if such application occurs within this product's specified shelf life. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or the cost of such replacement or repair, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow our published instructions or any act or circumstance beyond our control, including shade variations and efflorescence and faulty workmanship on the part of any installer or applicator of the product. If you wish to make a claim under this guarantee you must notify us (address: 7/20 Powers Road Seven Hills NSW 2147; phone: 1800222841; email: technicalservices@ardexaustralia.com), identify the product and provide evidence of your purchase and the subsequent application of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage and to undertake any inspections and tests necessary to establish your rights under this guarantee. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

