

Crown 2540 Bondcrete (Dual Purpose Concrete Binder)

PRODUCT DESCRIPTION

Type: An internally plasticized emulsion based versatile bonding agent

Recommended use: As an ADMIXTURE for use with sand cement renderings and as BONDING AGENT for direct application to the substrate

Admixture: Bondcrete is designed for use with sand/cement mixes for the following purposes: Increasing the waterproofing properties of concrete floors and internal/ external plaster/ renderings; increasing the tensile strength of concrete floor screeds and walls; improving the dustproof characteristics of concrete and granolithic floor screeds.

When used as an admixture Bondcrete will also improve the bonding characteristics of concrete or plaster or cement slurry wall surfaces. When used with sand and cement the mixture can also be used for making good damaged concrete and for filling cracks in wall surfaces.

Bonding agent: When applied direct to the substance, before plastering or laying floors, Bondcrete will considerably improve adhesion enabling thinner films to be applied than would normally be possible. Particularly suitable for use on old, damaged and porous wall and floor surfaces and on rough and uneven substrates prior to leveling.

Advantages: High bonding power. Quick drying. Water based - environmentally friendly/easy clean up.

Directions for use:

Plaster: For bonding new plaster to adsorbent surfaces prime the substrate with a mixture of Bondcrete and water, mixed in a ratio of 1:4. Brush well in and allow to dry. Coat with a further application mixed with 2 parts Bondcrete to 1-part water. Apply new plaster while still tacky. To improve the adhesion, strength and finish of the plaster, use a 1-part Bondcrete and 4 parts water solution for mixing purposes.

Cement: For bonding sand/cement renderings and floor screeds to smooth concrete, brick, terrazzo etc., prime the substrate with a mixture of 1-part Bondcrete to 4 parts water. Brush well in and allow to dry. Coat with 2 parts Bondcrete and 1-part water and while still tacky, apply rendering or screed to a maximum thickness of 9mm. For render thickness in excess of 9mm, prime as above and allow to dry. Prepare a mixture of 2 parts washed sand to 1-part cement. Wet down with 1-part Bondcrete and 1-part water and apply as slurry with a 6mm notched trowel. Allow to dry for at least 24 hours before applying rendering.

For repairing damaged concrete, prime the substrate with 1-part Bondcrete to 4 parts water

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and allow to dry. Coat with 2 parts Bondcrete to 1-part water solution and while still tacky make good with a sand/cement mix incorporating 1-part Bondcrete to 4 parts water.

Floor screeds can be very substantially increased in strength by the addition of Bondcrete. To increase resistance to wear by abrasion or impact, mix cement/sand with 1-part Bondcrete to 3 parts water.

For fixing quarry and terrazzo tiles, Bondcrete can be used to improve adhesion. Prime the surface with 1-part Bondcrete to 4 parts water, brush well in and allow to dry. Coat floor and base of tiles with 2 parts Bondcrete to 1-part water solution. While still tacky, apply sand/cement bedding to base and bed tiles.

Bondcrete can also be used to **dustproof existing concrete floors** by mixing 1-part Bondcrete to 5 parts water and brushing well into the surface. One or two coats should be applied.

PRODUCT DATA:

Colour Range: White viscous liquid

Pack Sizes: 4Kg

Thinner & equipment cleaner: Water

Thinning: Thin as recommended above

Drying Times: Vary with the application and can be as much as 72hours

APPLICATION DATA:

The product can be applied by: Comb trowel

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting.

Depends on application.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

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It is the responsibility of the user to ensure that the latest TDS is being used for reference.



For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)