



Never compromise on quality!

CTA

Ceramic Tile Adhesive

Description

A specially formulated, white, cement based ceramic floor and wall tile adhesive. Conforms to BS EN 12004 Type C2 T.

Uses

cement based, thin and thick bed, standard setting, wall and floor tile adhesive. Water resistant suitable for use in bathrooms, saunas and swimming pools. CTA can be used on properly prepared timber substrates, tile on tile, substrates incorporating under floor heating and areas subject to limited movement / vibration, but must be used in conjunction with Bond It PRIMER AND FLEXIBLE ADDITIVE. Alternatively, BOND IT CTA FLEXIBLE can be used. Water resistant suitable for use in bathrooms, saunas and swimming pools.

- Excellent bond strength and high grab.
- Water resistant / non slip.
- Suitable for ceramic, porcelain, vitrified and natural stone tiles.
- For internal and external use.
- Conforms to; BS EN12004; Type C2 T.

Preparation

All surfaces, including existing tiles, must be clean, free from dust and debris, curing compounds, oil stains, wax residues and paint. Any separating agents must be removed. **CTA** can accommodate minor surface irregularities provided that the bed thickness does not exceed 6mm. Porous gypsum, aerated concrete and interior asphalt substrates should be primed with products such as Bond It PRIMER AND FLEXIBLE ADDITIVE (P&FA).

Plastered surfaces must be strong enough to support the combined weight of the tiles and adhesive. Allow 4 weeks for plaster to dry. Prime with PRIMER AND FLEXIBLE ADDITIVE. Tongue and groove floorboards should be covered with a minimum of 15mm marine grade plywood screwed at 300mm centres and primed accordingly. Chipboard must not be used. The surface of existing tiles should be sound; any loose or hollow sounding tiles should be made secure. When tiling on vinyl tiles, check they are securely bonded and are free from polish or other substances that will impede adhesion. Provide a key by rubbing with coarse sandpaper and prime with Bond It P&FA. When tiling

on substrates incorporating under floor heating, turn off 48 hours before tiling and do not turn on for 7 days after completion, from a low setting slowly increasing the temperature by 5°C per day.

Mixing

As a guide, add 20Kg of **CTA** to 5 litres of water using a mechanical stirrer. Mix to a lump free consistency. Do not mix more adhesive than can be used within a 30 minute period. Never add more water to a mixture that has begun to set. When using in conjunction with PRIMER AND FLEXIBLE ADDITIVE refer to separate dilution rates on the pack.

Application

Taking into account surface irregularities, use a suitably sized notched trowel that will give 100% coverage of adhesive to the back of the tile. Press and twist tiles into place ensuring a minimum bed thickness of 3mm. Remove and inspect the back of a tile occasionally to ensure that adequate bedding is being achieved. Expansion joints must be provided according to the relevant part of BS 5385. Do not use in temperatures below 5°C.

Grouting

Grouting may commence after tiles are sufficiently firm to accept light foot traffic - approximately 12 hours after fixing. Full set will be achieved after 24 hours. This will be extended in cold conditions.

Coverage

Coverage is dependant on application technique, substrate and type of tiles used. However, 20Kg of **CTA** will cover approx 6 -7m² @ 3mm bed thickness.

Cleaning

Tools should be washed with water immediately after use.

Storage Conditions

Store in original, unopened sacks, off the ground, in cool, dry conditions and away from excessive draughts. Use within 12 months of the date of packing shown on the bag.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any bags or material to a central disposal point in accordance with local regulations.

Health & Safety

Contains cement.

Risk of serious damage to eyes. Contact with wet product - or dry powder contact with body fluids, such as sweat or eye fluid, may cause irritation, dermatitis or burns. May produce an allergic reaction. Wear suitable protective clothing, gloves, overalls and eye/face protection. After contact with skin, wash off immediately with plenty of clean water. Use a dust mask if excessive dust is unavoidable. Keep out of reach of children. In case of contact with eyes, irrigate thoroughly with clean, running water for at least 15 minutes and seek medical attention.

Note: this information is for general guidance only,

since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability. Material Safety Data Sheet available for the professional user upon request.

Specification Summary

Colour	White
Bed Thickness	3 to 6mm
Pot Life	Approximately 4 to 5 hours
Grout After	12 hours
Light Traffic	12 hours
Full Traffic	24 hours

Container Sizes

Code:	BDCTA20
Size:	20Kg
Barcode:	5060021363473

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.



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ISO 14001



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