

Ready mixed thin bed adhesive

Tilefast Aquatite

High Quality Class AA Water-Resistant Adhesive

FIELDS OF APPLICATION

- Tilefast Aquatite is a ready mixed, polymer based, thin bed adhesive for fixing tiles to most interior wall surfaces.

FEATURES AND BENEFITS

- **Possesses excellent grip**, reducing the need for battens or spacers.
- **Is suitable for use in domestic showers** (when used with a suitable waterproof grout), **bathrooms and kitchens**.
- **The adhesive is resistant to the effects of water**, however, water-sensitive backgrounds such as plaster, for instance, need a waterproof grout. In areas subject to continuous immersion e.g. swimming pool – select one of the TILEFAST range of powder adhesives.
- **It conforms to EN12004 Type D Class 2T.**

WORKING WITH TILEFAST AQUATITE

General

Surfaces to be tiled must be clean, sound, dry and sufficiently flat not to require an adhesive thickness in excess of 3mm

Plaster

Plaster must be dry and have had enough time, at least 4 weeks, to develop sufficient strength to support the weight of the tiles. Old decaying plaster must be replaced; dusty or friable plaster must be stabilized with PCI Primer G

Cement/sand render

Cement/sand render must be sound and dry and at least 2 weeks old

Painted surfaces

The adhesion of the paint to the background surface is the determining factor. Sound, hard gloss paints are normally satisfactory, but scouring the surface will improve the adhesion and help to reduce drying times. Emulsion paints, together with distemper, limewash or similar finishes must be removed.

Existing tiles

These must be sound, stable and otherwise suitable for fixing on. Tiling can only be as secure as the fixing of the original tiles. Remove and re-fix, or make good, any that are loose or damaged **Note:** Drying times will be extended on impervious backgrounds such as gloss paint and as a result adhesive must be allowed to firm up sufficiently prior to commencing grouting

FIXING THE TILES

- Use a notched trowel. Apply adhesive to a depth of approximately 3mm with the straight edge of the trowel and immediately comb into a series of well formed ribs with the notched edge; select a notch size/spacing that will ensure that adhesive transfers to at least 65% of the tile back
- **Always position the tile with a good twist and slide action to ensure good contact and adhesion.**
- Tiles must be fixed within 20 minutes of spreading the adhesive; sooner if site conditions may lead to rapid drying of the adhesive surface.



The Chemical Company

- Where maximum bedding is required, or when fixing studded tiles, a trowel with larger, and/or more closely spaced, notches should be used, or the backs of the tiles buttered with adhesive, before placing them on the combed coat.
- Remove a tile occasionally to check on the standard of achieved bedding.
- Do not apply at substrate temperatures below 50C or in conditions of extreme heat.
- Expansion joints must be provided in accordance with the relevant section of BS 5385

GROUTING THE JOINTS

Allow the adhesive to firm up sufficiently before grouting is attempted. This will be at least 24 hours, but may extend to three days, depending on the substrate and site conditions.

CLEANING

Tools should be cleaned with fresh water immediately after use.

TECHNICAL DATA

Colour	Off – white
Composition	Styrene-acrylic co-polymer emulsion with organic and inorganic modifiers
Specific gravity	1.8 approximately
Maximum bed thickness	3mm
Polymer type	Styrene acrylate
Working temperature	5°C to 30°C
Service temperature	Up to 100°C

PACKAGING

10 litre plastic buckets

STORAGE

Shelf life approximately 12 months when stored un-opened at 5 – 30°C

HEALTH AND SAFETY

Tilefast Aquatite presents negligible hazards to health in normal use. Do not allow to dry on the skin. Keep away from the eyes and children.

For further information refer to the PCI Material, Safety Data Sheet.

BASF Construction Chemicals (UK) Ltd
Albany House, Swinton Hall Road,
Swinton, Manchester,
M27 4DT, England.
Tel: + 44 (0) 161 794 7411
Fax: + 44 (0) 161 727 8547
E-mail: pci.uk@basf.com
Website: pci.uk.com

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