

GBTA

Gypsum-based Tile Adhesive



DESCRIPTION

GBTA has been specifically formulated for use on calcium sulphate screeds and gypsum boards. It is ideal for interior use.

On these types of screeds, it is particularly effective at higher floor relative humidity (up to 85%) where opc-based adhesives may delaminate.

It is suitable for use as a 'flex' adhesive where slight floor movement is envisaged such as hard board lined wood floors.

GBTA is not recommended in areas such as shower rooms, wet rooms and swimming pools.

ADVANTAGES

Compatible with gypsum-based screeds - no need for de-coupling membranes or isolating sealers

Laid early (up to 85%RH)

Compatible with under floor heating systems

Low Shrinkage

High Plasticity, low sag at normal consistency

High Bond Strength

BACKGROUNDS

Tiling on:

Gypsum based floors of anhydrite and hemihydrates binders

In situ Gypsum plasters

Dry-lined plasterboards

In situ unglazed ceramic and quarry tiles

Clay and fired bricks

Note: On the first 3 above and other porous surfaces, use GBLC-PRIMER to reduce background suction. Apply adhesive before primer dries.

SURFACE PREPARATION

Ensure surface is sound, dry, and free of loose debris, oil / grease and dirt.

On dry floors, we recommend the use of **GBLC-PRIMER**.

Floors with up to 85% RH will require priming. Unprimed surfaces may lead to premature stiffening because of background suction.



MIXING INSTRUCTIONS

Recommended water/powder ratio by weight 1:4

Mix enough powder for no more than 20 - 30 minute work at a time.

Blend powder to water until preferred consistency is achieved without exceeding the mix ratio.

APPLICATION

Apply a layer of adhesive to a previously primed, sealed or damped surface to suit (we recommend **GBLC-PRIMER**).

Normally a 3mm thick layer of adhesive is adequate for small ceramic tiles but loading, larger tiles and other tile types may require deeper beds.

Use a serrated trowel to distribute evenly.

Full bedding may be more suitable for natural stone tiles such as marble, travertine or limestone to limit adhesive bed transparency.

Do not re-temper once setting has started. Clean all tools with water.

Allow at least 16 hours before grouting



CONSUMPTION (20kg bags)

Bed Depth	Approximate Coverage
3mm	5.0m ²
6mm	2.5m ²
10mm	1.5m ²

PRODUCT DATA

Colour: Off white.

Composition: Polymer modified gypsum with fillers and rheology enhancers.

Packaging: 20 kg paper bags.

Shelf life: 12 months in dry conditions.

Odour: Faint.

pH: 12.

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