



**BUILD PLUS**  
CONSTRUCTION CHEMICALS

### **BP Tileglue HQ (High Quality General Purpose Tile Adhesive)**

*BP Tileglue HQ is a cement based polymer modified high strength tile mortar for thin or thick bed permanent fixing of tiles including ceramic tiles, porcelain tiles, marbles, stones, decorative cladding, bricks slips, and stone wall cladding, etc. on indoor or outdoor surfaces of walls and floors.*

**Suitable substrates:** are concrete, sand cement screeds and renders, glazed & unglazed tiles, terrazzo, and suitably prepared timber. BP Tileglue HQ is a professional choice and may be used with confidence in all wet process applications including abattoirs, shower rooms, institutional kitchens, bathrooms and decorative claddings. It may also be used directly onto glazed tile surfaces and is especially recommended for non-porous or high density and glass mosaics when it may be used to both fix and grout.

#### **Directions for use:**

**Surface Preparation:** The surface to be tiled should be clean and free from dust, dirt, oil, grease, friable materials, or any contaminations that may reduce the bonding of the mortar to the surface.

**Mixing:** Mix BP Tileglue HQ by adding to clean water at the rate of 6.25 Litre of water to 25 kg of mortar to form a thick creamy paste; and leave to stand for 5-10 minutes, and then stir well before use.

Pour the recommended volume of clean water into the mixing vessel. With the slow speed mixing paddle in operation, add the powder component to the mix and continue mixing for 3 minutes until a uniform and lump-free consistency is achieved.

**Application:** Apply the mixed material to a thick bed of 3-5 mm on a working area of approximately one square meter at a time. Solid-bed fixing is recommended for wet conditions and ceramic floor tiles or otherwise the Adhesive should be horizontally ribbed with a notched trowel before fixing the tiles.

Decorative claddings should always be fixed solid-bed. Make sure that the back of each tile is not less than 75% in contact with the adhesive. Clean off surplus adhesive with a damp cloth.

When fixing ceramic tiles to wooden flooring it is preferable to prime the wooden surface with a fine thin layer of the same adhesive & leave for 2-3 hours for dry. Once tiles are placed on the adhesive, leave it for a minimum of 24 hours to set before grouting ceramic wall or floor tiles with BC Tilegrout HQ. When fixing ceramic floor tiles, no traffic should be allowed for 72 hours.

#### **Watch Point:**

BC BP Tileglue HQ should not be used on painted or metal surfaces. The use of chilled mixing water will extend open wet time in high ambient temperatures.

Gypsum plaster boards must be subjected to pre-treatment surfaces. Please consult our Technical Services Department for advice and site supports.

#### **Workability:**

Working time of BP Tileglue HQ is 20 minutes at 25°C, after 15 minutes standing time and tiles must be fixed in position before drying out occurs; and therefore, it is essential to work within a small area at a time.

#### **Notes:**

Movement joints should be provided in accordance with normal practice. Refer to published local standards or BS 5385 and CP 202.

BP Tileglue HQ is the professional choice for fixing rigid materials such as stone claddings. Always apply the adhesive solid-bed but unlike the application of ordinary tiles, apply to the cladding itself and not to substrate.

For best results, allow no more than 35 kilos weight of stone cladding (of average thickness 10mm) per square metre. Ceramic tiles should never be butt joined. Leave a minimum of 2mm around tiles. Adjustments to tiles should only be made during the adhesives open wet time.

Remove excess adhesive from the face of the tile with a damp sponge or cloth before it sets. Similarly, joints must be raked out in readiness for grouting.

Leave for a minimum of 24 hours before grouting. Select the appropriate grout for joint size and in service use from the BC Bondgrout range of products.

#### **Standards:**

BS 5980 Type Class AA  
BS 5385 Part 1: ANSI 118-1

#### **Coverage:**

Solid bed fixing: 3-6mm depth (5.5-11.5 kg /m<sup>2</sup>)  
Notched trowel: 2-3mm depth (2.00kg/ m<sup>2</sup>)



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### Typical Properties:

Dry Density	: 1700 kg/m <sup>3</sup>
Tensile Adhesion Strength	: 1.6 N/mm <sup>2</sup> (28 days)
Shear Adhesion	: 2.8 N/mm <sup>2</sup> (28 days)
Deflection at Max Force	: > 3.0 mm (28 days)
Deflection at Break	: > 3.0 mm
Stress at Max Force	: > 2.8 N/mm <sup>2</sup> (28 days)
Stress at Break	: > 2.6 N/mm <sup>2</sup> (28 days)

### Composition:

BP Tileglue HQ is a blend of Portland cement, graded sand and high organic polymer content additive, with thin or thick bed performance.

### Code Practice:

Tiling and grouting should be carried out in accordance with up-to-date relevant British Standard or B.S. Codes of Practice, details of which can be obtained from British Standard Institute, British Standard House, 2 Park Street, London W.1.

**Pack Size:** White: 20 kg sacks; Grey 25 kg sacks

### Quality & Care:

All the products manufactured and originated from Gulf Minerals and Chemicals, UAE facility are independently tested and certified under a GMC Management System to conform to the requirements of the quality, environmental, health & safety Standards.

### Technical support:

GMC offers comprehensive technical support service & specification assistance in locations to our channel partners, end users, and contractors.

### Shelf Life & Storage:

12 months if stored properly in original unopened packing in a cool, dry, ventilated conditions away from direct sunlight

### Health & Safety Precautions:

This product contains Portland cement which is slightly alkaline when wet. For people with sensitive skins may cause irritation. As a general Code of Safety Practice all chemical products should be treated with care, kept away from children and animals, especially protect eyes and skin. In an emergency seek medical advice.

-----BP Tileglue HQ -----

