

# TECHNICAL INFORMATION

## TARMAC FLOOR LEVELLER



### Product Data Sheet

#### DESCRIPTION

**Tarmac Floor Leveller** is a Portland cement based self-smoothing underlayment designed for use as a levelling compound. **Tarmac Floor Leveller** is a blend of cements, fine silica sand and other additives designed to improve the application and setting properties of the material.

#### USES

**Tarmac Floor Leveller** is designed for use on areas of uneven yet sound concrete flooring prior to the installation of new floor coverings.

#### BENEFITS

The benefits of **Tarmac Floor Leveller** are:  
It is a pre-mixed blend of sand and cements which is mixed to the required consistency by adding water.  
Sets within 3 hours, and can take pedestrian traffic in 6 hours.  
Can be laid between 1 and 20mm.  
Tiles or carpets can be laid after 48 hours

#### APPLICATION

Good substrate preparation and curing conditions are essential to provide optimum results.  
In small areas, the system can be mixed and placed using a suitable hand drill and accessories but for large areas the use of a mixer pump is recommended.

#### SUB-FLOOR PREPARATION

Substrates should be hard, sound and free from dust, dirt, oil, grease, paint, plaster, laitance or other contaminants which could prove a barrier to adhesion. Heavily contaminated floors may require special treatment and specific advice should be sought. Generally, substrates are best prepared by mechanical methods such as shotblasting, planing or scabbling. The substrate should be vacuum cleaned prior to application of primer. Indoor and floor slab temperatures should exceed +6°C with a relative humidity not exceeding 95%.

#### PRIMING

Substrate priming should be carried out using Epoxy Primer blinded with 8/16's grade sand or by two coats of Acrylic Primer. Particularly porous or absorbent substrates may require an additional primer coat. Acrylic Primer should not be applied to substrates with a temperature of less than 6°C. Coverage depends upon the porosity of the substrate and the amount of primer dilution but is approximately 0.3/litres/m<sup>2</sup>.

#### MIXING INSTRUCTIONS

- Thorough mixing of the **Tarmac Floor Leveller** with water is essential and the best results are achieved by using electrically driven mixers.
- Small volumes can be mixed by hand, ensuring that containers and paddles are clean and free from oil or grease.
- Gradually add the powder to the water making sure that it is continuously mixed to give a uniform liquid consistency. It is recommended that approximately 5 litres of water be used per 25kg bag.
- Do not mix more **Tarmac Floor Leveller** than can be used in 15 minutes.
- Pour a small quantity of the compound onto the prepared surface and trowel in lightly, follow immediately with further coatings to the required thickness.

For more details contact:  
03444 63 64 65 [packedproducts@tarmacbp.co.uk](mailto:packedproducts@tarmacbp.co.uk)

**Tarmac Floor Leveller** can be laid to a minimum thickness of 1mm and a maximum thickness of 20mm. As with all Portland cement based materials, the setting time and strength development of **Tarmac Floor Leveller** is affected by temperature and it is recommended that the compound is not used below 15°C in critical applications. **Tarmac Floor Leveller** should not be used in temperatures below 5°C. Do not over trowel the compound. It is necessary to provide adequate ventilation in the work area but windows and openings must be closed sufficiently to avoid draughts during and after application.

#### **DRYING**

At 20mm thickness and 20°C the floor should be ready to receive most standard floor coverings such as tiles or carpet after 48 hours.

If an impervious floor covering such as vinyl, or a moisture sensitive floor covering such as laminate / solid wooden flooring is being installed on top of **Tarmac Floor Leveller**, it is recommended to check the relative humidity of the surface before installation and always follow the installation guidelines from the floor coving manufacturer.

#### **STANDARDS**

The installation of **Flexible Floor Leveller** should be completed in accordance with the relevant sections of the Codes of practice BS 8203, BS 8204 and BS 5325.

#### **YEILD**

3m<sup>2</sup> when laid at 5mm thickness  
5m<sup>2</sup> when laid at 3mm thickness  
15m<sup>2</sup> when laid at 1mm thickness

#### **QUALITY CONTROL**

All Tarmac products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001.

#### **CLEAN UP AND SPILLAGES**

Dry powders should be swept up and disposed of in accordance with the Local Authority.

#### **PACKAGING & STORAGE**

**Tarmac Floor Leveller** is available in nominal 25kg sacks, palletised and shrink-wrapped.

Palletised **Tarmac Floor Leveller** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high. The product should be used on a first in – first out basis. Shelf life is 9 months from the date of manufacture printed on the bag when properly stored.

#### **HEALTH AND SAFETY**

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contains Portland Cement. Contains Chromium (VI), which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before reuse.

R38 - Irritating to skin. R41 - Risk to serious damage to eyes. S26 - In case of contact with eyes, rinse immediately with water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children.

#### **INFORMATION, PRICES & ORDERING**

For technical information, pricing and to place orders please contact us as follows:

Technical Information t: **03444 63 00 46**

Orders t: **03444 63 64 65** f: **08443 09 97 01**

Email: **packedproducts@tarmacbp.co.uk**

Visit our website: **tarmac.com**

Tarmac Building Products Ltd., i10 interchange, Railway Drive, Wolverhampton, WV1 1LH,