Reviewed: 8/10/2026

Product Name: 3000 HD White & Grey Heavy Duty Adhesive

Product:

Sure Flex 3000 HD is a rigid set, quality cement-based adhesive that meets and exceeds the requirements of Australian Standard AS 4992.1. Sure Flex 3000 HD is classified as a Normal Setting High Performance (C2) adhesive.
Sure Flex 3000 HD is ideal for interior or exterior bonding of all types of ceramic, porcelain or stone wall and floor tiles applied in bathrooms, toilets, kitchens, and laundries.

Description:

Sure Flex 3000 HD is a white or grey powder composed of graded silica sand cement and synthetic resins and property enhancing additives.

Features & Benefits:

- Single component adhesive.
- Easily workable.
- Non-slip characteristics.
- Low shrinkage.
- Open time approximately 30 minutes.
- Pot life approximately 4 - 6 hours at 20°C.
- Bonding of a wide range of tile types and substrates in wet or dry service.

Recommended Applications:

- Monocottura, slate, quarry tiles, terracotta, porcelain and natural stone bonded to concrete.
- Cementitious screeds.
- Brick work, block work, fibrous cement sheeting and where the surfaces are rigid and may or may not exhibit some surface texture and porosity.
- Suitable for bonding tiles subject to water immersion after the adhesive is fully cured and where stresses may be encountered, such as under floor heating installations.
- Suitable for thick or thin bed tile installation.

Limitations:

Sure Flex 3000 HD should not be used where or for: -

- Swimming pools without prior consultation with Sure Level.
- The substrate is subject to movement.
- Where the substrate can be affected by strong vibration.
- On plaster or metals that will rust or oxidise or timber, where natural oils interfere with adhesion.
- Painted Surfaces.

Applications Instructions:

Substrate & Surface Preparation: The substrate must be sound, clean and free from loose coatings, grease, oil or wax and water free, as a damp or wet substrate will affect the set time or bond or both. Cement or concrete substrates must be well cured and at least 28 days old prior to tiles being laid to ensure that differential shrinkage does not occur between the adhesive and the substrate. Very porous substrates like cement sand screeds or renders should be primed with Sure Prime 644. Surfaces exposed to sunlight should be dampened with water to cool if hot prior to tiling.

Mixing The Adhesive: Mix the Sure Flex 3000 HD with a mechanical stirrer by adding Sure Flex 3000 HD to the mixing water until a smooth lump free paste is obtained. Leave to rest and mature for 3-5 minutes and re-stir. Use approximately 5.5 litres of water to each 20kg bag of Sure Flex 3000 HD powder to obtain the required consistency. Mixed this way, the pot life is approximately 5 hours. If the adhesive has stiffened past a usable consistency, it should not be used and should be discarded.

Grouting: Floor joints may be grouted after 24 hours, wall joints after 6 - 8 hours.

Traffic: Light foot traffic can be accepted after 24 hours at median temperatures. Cold temperatures of 8°C - 10°C will require 36-48 hours before exposure to traffic.

Application: Sure Flex 3000 HD is applied to the substrate using a notched trowel. To achieve optimum results, spread a layer of Sure Flex 3000 HD on the substrate with the flat side of the trowel, then immediately after, apply the desired thickness using a suitable and appropriate notch trowel with correct depth of notch for the type and size of tile being laid.
For complete coverage of the tile, it is recommended that a layer of adhesive be applied to the back of the tile with the flat side of the trowel.

Installing Tiles: Clean tiles should be fitted under a firm pressure to ensure good coverage and contact by the adhesive. Tiles should not be laid over areas of adhesive that has "skinned over" on the surface. Areas that have skinned over should only be refreshed by reworking with a notched trowel. Re-wetting of the surface of the adhesive will degrade the bond and is not recommended.
Tiling contractors should follow the Australian Standard guidelines for the installation of neoprene growth joints at the required spacing set down by the Australian Standard.
Newly tiled areas must be protected from rain, frost and water until the adhesive has fully set.

Coverage: Coverage will depend on the substrate conditions and applicators technique. As a guide the use of a 6mm notched trowel for walls and a 10mm notched trowel for floors will provide approximately 8m2 and 5m2 respectively for 20 kg of Sure Flex 3000 HD.

Clean Up: Tools and surfaces should be cleaned with water or a damp cloth before the adhesive sets.

Storage: Sure Flex 3000 HD can be stored 8 months in the original packaging in a normal indoor environment.

Packaging: Sure Flex 3000 HD is supplied in a 20kg polylined bag.

Health & Safety:

Sure Flex 3000 HD contains cement and silica sand. Both of these components are now classified as hazardous according to criteria of Work Safe Australia. Continuous or extended contact with this product may cause irritation as well as respiratory issues such as bronchitis or silicosis.
Use a dust mask and goggles when mixing the powder and gloves when using the adhesive. For further information consult the Material Safety Data Sheet.
Material Safety Data Sheets (MSDS) are available on request from the office. Read the MSDS and product data sheet carefully before using this product.

Disclaimer: Please Note: Recommendation and advice regarding the use of this product is to be taken as a guide only and Sure Level shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever resulting from its use. To the full extent permitted by law, Sure Level liability is limited at its discretion, to the replacement of the goods or the supply of equivalent goods.

Fire: Sure Flex 3000 HD is nonflammable.

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