

Last Updated: 10/05/2024

Product Name: 4000 Rubber Rubber Adhesive

Product:

Sure Level 4000 Rubber is a deformable, quality cement-based adhesive that meets and exceeds the requirements of Australian Standard AS 4992.1. Sure Level 4000 Rubber is classified as a Normal Setting Flexible (C1) adhesive. Sure Level 4000 Rubber is suitable for interior or exterior bonding of all types of tiling applications. Sure Level 4000 Rubber has versatility in use in bathrooms, toilets, kitchens, laundries and patios.

Description:

Sure Level 4000 Rubber is an off white or grey powder composed of graded silica sand, cement and synthetic resins and property enhancing additives.

Features & Benefits:

When mixed with water the following features are obtained.

- ✔ Single component flexible 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 range of common tile types and substrates.

Recommended Applications:

- ✔ Ceramic wall and floor tiles including monocottura, slate, quarry tiles, terracotta, porcelain and natural stone bonded to concrete and 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.
- ✔ Sure Level 4000 Rubber is suitable for bonding tiles to cement sheet or similar wall systems and where heavy stresses may be encountered, such as under floor heating installations.
- ✔ Suitable for thick or thin bed tile installation and over approved water proofing membranes.

Limitations:

Sure Level 4000 Rubber should not be used where: -

- ✔ The substrate is subject to movement.
- ✔ On plastics, metals that will rust or oxidise, oil treated timber.
- ✔ For Swimming pools or permanent wet areas.



✓ On 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 Level 4000 Rubber with a mechanical stirrer by adding Sure Level 4000 Rubber 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 5.5 - 6.0 litres of water to each 20kg bag of Sure Level 4000 Rubber powder to obtain the required consistency. Mixed this way, the pot life is approximately 6 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; Depending On Ambient Temperature.

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

Application: Sure Level 4000 Rubber is applied to the substrate using a notched trowel. To achieve optimum results, spread a layer of Sure Level 4000 Rubber 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 13m² and 8m² respectively for 20 kg of Sure Level 4000 Rubber. 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

Storage: Sure Level 4000 Rubber can be stored 8 months in the original packaging in a normal

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

Health & Safety:

Sure Level 4000 Rubber 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. replacement of the goods or the supply of equivalent goods.

Fire: Sure Level 4000 Rubber is nonflam-

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