



SOLIDBOND SUPER TA

Ceramic, Porcelain, Homogeneous and Natural Stone
High Strength Tile Adhesive



BENEFITS

SOLIDBOND SUPER TA is a grey or white powder composed of cement and graded aggregates. It contains a high quantity of synthetic resins and special additives created according to a formula developed in **SOLID**'s research laboratories.

A mortar with the following features is obtained when mixed with water:

- > Easily workable.
- > Highly thixotropic; **SOLIDBOND SUPER TA** can be applied on a vertical surface without dripping or letting the tiles slip, even for heavy tiles. Tiles can be installed from the top towards the bottom without using spacer pegs.
- > Perfect adherence to all materials normally used in building.
- > Hardens without appreciable shrinkage.
- > Extended open time.

DESCRIPTION

SOLIDBOND SUPER TA is an improved slip resistant cementitious adhesive with extended open time as class C2TE.

USES

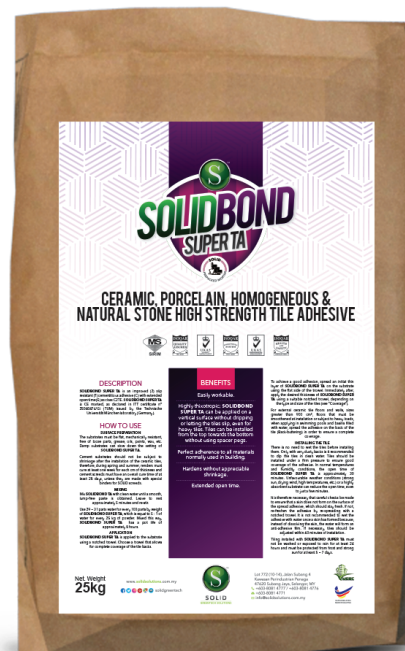
Interior and exterior bonding of ceramic tiles porcelain, stone materials and mosaics of every type on floors, walls and ceilings. Also suitable for spot bonding of insulating materials such as expanded polystyrene, rock and glass wool, Eraclit® (wood-cement panels), sound-deadening /reduction panels, etc.

Do not use **SOLIDBOND SUPER TA**:

- > On concrete subject to strong shrinkage.
- > On walls and floors subject to strong movement or vibration (wood, fibre-cement, etc.).
- > On metal surfaces.
- > For installations that require an adhesive thickness greater than 5 mm.

PACKING & COVERAGE

SOLIDBOND SUPER TA white and grey are available in 25 kg HDPE bags and in 4 x 5 kg boxes.



Bonding ceramic tiles:

> Mosaics and small sizes in general (Trowel n. 4)	2 kg / m ²
> Normal sizes (Trowel n. 5)	2.5 ~ 3 kg / m ²
> Large sizes, exterior floors (trowel n. 6)	5 kg / m ²

Spot-bonding insulating material:

> Foam, etc.	approx. 0.5 ~ 0.8 kg / m ²
> Gypsum board panels, cellular concrete	approx. 1.5 kg / m ²
> Shelf Life	24 month

GROUTING & SEALING

Wall joints can be grouted after 4 ~ 8 hours and floor joints can be grouted after 24 hours with the specific **SOLID** cementitious or epoxy grouts, available in different colours. Expansion joints must be sealed with the specific **SOLID** sealants.

Set to Light Foot Traffic : Floors are set to light foot traffic after approx. 24 hours.

Ready to Use : Surfaces are ready for use after approx. 14 days. Swimming pools and basins can be filled after 21 days.

Cleaning : Tools and containers should be cleaned with plenty of water while **SOLIDBOND SUPER TA** is still fresh. Surfaces should be cleaned with a damp cloth, before the adhesive dries.

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HOW TO USE

Surface Preparation : The substrates must be flat, mechanically resistant, free of loose parts, grease, oils, paints, wax, etc. Damp substrates can slow down the setting of **SOLIDBOND SUPER TA**.

Cement substrates should not be subject to shrinkage after the installation of the ceramic tiles, therefore, during spring and summer, renders must cure at least one week for each cm of thickness and cement screeds must have an overall cure time of at least 28 days, unless they are made with special binders for **SOLID** screeds.

Mixing : Mix **SOLIDBOND TA** with clean water until a smooth, lump-free paste is obtained. Leave to rest approximately 5 minutes and re-stir.

Use 29 ~ 31 parts water for every 100 parts by weight of **SOLIDBOND SUPER TA**, which is equal to 5 : 1 of water for every 25 kg of powder. Mixed this way, **SOLIDBOND SUPER TA** has a pot life of approximately 8 hours.

Application : **SOLIDBOND SUPER TA** is applied to the substrate using a notched trowel. Choose a trowel that allows for complete coverage of the tile backs.

To achieve a good adhesion, spread an initial thin layer of **SOLIDBOND SUPER TA** on the substrate using the flat side of the trowel. Immediately after, apply the desired thickness of **SOLIDBOND SUPER TA** using a suitable notched trowel, depending on the type and size of the tiles (see "Coverage").

For external ceramic tile floors and walls, sizes greater than 900 cm², floors that must be smoothed at installation or subject to heavy loads, when applying in swimming pools and basins filled with water, spread the adhesive on the back of the tile (Back-buttering) in order to ensure a complete coverage.

Installing The Tiles : There is no need to wet the tiles before installing them. Only with very dusty backs is it recommended to dip the tiles in clean water. Tiles should be installed under a firm pressure to ensure good coverage of the adhesive. In normal temperatures and humidity conditions, the open time of **SOLIDBOND SUPER TA** is approximately 30 minutes. Unfavourable weather conditions (strong sun, drying wind, high temperatures, etc.) or a highly absorbent substrate can reduce the open time, even to just a few minutes.

It is therefore necessary that careful checks be made to ensure that a skin does not form on the surface of the spread adhesive, which should stay fresh. If not, re-freshen the adhesive by re-spreading with a notched trowel. It is not recommended to wet the adhesive with water once a skin has formed because, instead of dissolving the skin, the water will form an anti-adhesive film. If necessary, tiles should be adjusted within 60 minutes of installation.

Tiling installed with **SOLIDBOND SUPER TA** must not be washed or exposed to rain for at least 24 hours and must be protected from frost and strong sun for at least 5 ~ 7 days.

Spot-bonding insulating materials for spot-bonding sound-deadening or insulating panels, apply **SOLIDBOND SUPER TA** with a trowel or a float.

QUALITY ASSURANCE

SOLID manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

Disclaimer : The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local **SOLID** representative.



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