

## PACKAGING



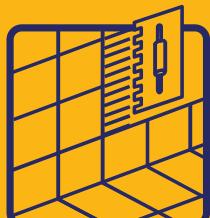
## MIXING



## APPLICATION



## USES



## SUBSTRATE

Concrete  
Screed

# SUREBOND A20

High Shear Tensile & Bond Strength



### Description

SureBond A20 is an acrylic polymer emulsion which replaces water for mixing with SureGrip T22 adhesive. It is formulated to improve the flexibility, and bond strength when fixing ceramic tiles and enables fixing of stone tiles.

### Where to use

Use for bonding ceramic, marble, granite & other natural stone tiles to interior / exterior floors and walls in residential and commercial applications. **NOT SUITABLE** for use in ponds, swimming pools or other continuous immersion situations.

### Performance data

Exceeds the performance requirements of AS4992. **A20 + T22 → C2S1 TE**

### Tensile adhesion strength

2.0MPa (28 days) (mixed with SureGrip T22)

### Surface preparation

All surfaces to be tiled should be structurally sound, and clean, free from dust, oil, paint or other contaminants that may reduce proper adhesion.

Precast panels must be cured for 3 months, cementitious screeds must be cured for 28 days, and renders must be cured one week per centimeter of thickness.

Smooth concrete floors must be mechanically roughened, then washed thoroughly and allowed to dry before tiling.

### Mixing

Use 4.5L - 5.5L of SureBond A20 per 20kg of SureGrip T22. Gradually add the powder to the Surebond A20 while slowly mixing until a lump-free creamy consistency is achieved.

### Application

Apply a layer to the substrate with pressure and comb in a single direction using a minimum 10mm notched trowel.

For tiles 400mm x 400mm or greater use a 12mm notch and butter the back of the tile (as per Australian Standard AS3958.1-2007). Place the tiles firmly into the wet mortar, and push back forth to ensure proper contact.

The final bed thickness of the adhesive must not less than 3mm for wall and 5mm for floor. Spread only enough adhesive to use before it skins over (about 1 metre) at a time.

Periodically lift a few tiles to check for acceptable coverage.

**DO NOT** spot fix tiles.

### Coverage (Approximate)

4.5L - 5.5L per 20kg of SureGrip T22.

(Coverage may vary depends on substract variation).

### Cleanup

Cleaning the tiles and tools should be done with water while the adhesive is still fresh.

### Tile joints

Internal joints should be a minimum 2mm, external joints a minimum 4mm, or as specified by the tile manufacturer and AS3958.1-2007. **DO NOT** fix tiles with tight joints. With grouted joints of less than 3mm, we recommend mixing the grout with Surebond. Ensure the grout is placed deep into joints before smoothing to compact the grout surface.

Expansion joints should be provided for every 5-6m where necessary.

### Shelf life

2 year.

### Packing

Available in 5 Litre & 20 Litre.



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The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose.