

# TECHNICAL DATA SHEET EASY MIX UNDER TILE SCREED



## PRODUCT DESCRIPTION

Easy Mix Under Tile Screed is a mixture of double washed and graded coarse sands, cement and additives.

It is suitable for internal and external floor applications, including balconies, bathroom floors and shower bases.

## PRODUCT ADVANTAGES

- Screened and graded sand - providing a free flowing under tile screed that resists shrinkage during drying.
- Double washed sand - eliminating the majority of clay fines to reduce water demand and subsequent shrinkage in the screed bed.
- Convenient 20kg packaging - ideal for transportation to job sites, rather than loads of sand to worry about in the back of a ute. Under Tile Screed is also ideal for carrying up multi level buildings and for placement in tight locations.
- Cost Effective – premixed product means money is not wasted on sand and cement lying on the job site, and time is not wasted cleaning up the remnants!

## PRODUCT PACKAGING

Under Tile Screed is available in 20kg paper bags.

## PRODUCT COVERAGE

20kg of Under Tile Screed will cover approximately 1m<sup>2</sup> (at a thickness of 10mm).

## PRODUCT LIMITATIONS

### Do not use Under Tile Screed on:

- Wooden, rubber or metal substrates unless the minimum bed thickness is 40mm and is reinforced with an appropriate wire mesh
- A bed thickness greater than 5mm.

## TECHNICAL PERFORMANCE

### DRY PRODUCT

Form	Grey powder
Bulk Density	1900kg / m <sup>3</sup>
Mixing ratio (20kg bag)	1.8 – 2.1 litres

### MIXED PRODUCT

Consistency	Homogeneous paste
Wet Density	2000kg / m <sup>3</sup>
pH	10 - 12
Pot life	3 hours
Setting time	2 - 4 hours
Drying time	24 hours

### COMPRESSIVE STRENGTH

24 hours	18MPa
7 days	25MPa
14 days	30MPa
21 days water immersion	25MPa

## SURFACE PREPARATION

- All substrates must be completely solid, dry, structurally sound, free from loose particles, paint, grease, oil, wax, dust and any other contaminants.
- Fibre cement sheet substrates must be fixed in accordance with the manufacturer's instructions and the relevant Australian Standards.
- Highly absorbent substrates should be primed with Easy Mix Prime and Bind, diluted at a rate of 1:1 with water.
- All masonry and cementitious substrates must be primed at the rate of 2 parts water : 1 part Easy Mix Prime and Bind, prior to installation of Easy Mix Under Tile Screed.

# TECHNICAL DATA SHEET EASY MIX UNDER TILE SCREED



## MOVEMENT JOINTS

It is essential that movement joints are carried through the tile and adhesive, and that the screed is kept free from dust, adhesive and other contaminants.

Refer to AS3958.1 - 2007 for guidance on the design and construction of movement joints.

## PRODUCT MIXING

1. Into a clean bucket, add 1 litre of clean water and 1 litre of Easy Mix Prime and Bind, per 20kg of Screed. Add Easy Mix Under Tile Screed.
2. Mix contents together using a high speed drill mixer on low speed - until the screed is smooth and homogenous.

## APPLICATION INSTRUCTIONS

1. Place the mixed product, screed to the desired thickness and plane using an appropriate straight-edge.
2. Apply the desired surface finish using a wooden or poly-urethane float.
3. Discard any material that has exceeded the pot life or working time of the product.

## BONDED SCREEDS

Apply a primer coat of Easy Mix Prime and Bind (mixed 1:1 with water) onto the substrate. Place the mixed Under Tile Screed product onto the bond coat while it is still wet. Apply the finish as discribed previously.

Note: Under Tile Screed should be carefully applied at a thickness of between 5 - 120mm per application.

### PLEASE NOTE

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the applicaion of the product.

## TILE INSTALLATION

Tiles may be installed immediately using the 'Wet-Bed Method' or with an appropriate tile adhesive once the screed has fully cured, (usually after 7 days).

## CLEAN UP

Clean all tools and equipment with water.

## PRODUCT STORAGE

Easy Mix Under Tile Screed will keep for up to six months if kept in a dry store, off the ground and providing the bags remain sealed.

High temperature and high humidity conditions may reduce the storage life of the product.

## PRECAUTIONS FOR USE

Easy Mix Under Tile Screen contains cement powders which can be harmful to the skin.

During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately. **Do not induce vomiting.**

For further information consult the Material Safety Data Sheet and read the product label carefully before use.

Material Safety Data Sheets are available by phoning 1800 077 744.



**EASY MIX**  
A Division of River Sands Pty Ltd  
683 Beenleigh-Redland Bay Road  
Carbrook QLD 4130  
Australia

(07) 3412 8111 or 1800 077 744  
[www.easymixsales.com.au](http://www.easymixsales.com.au)