



Product data sheet

Australian Builders SCREED MIX



Australian Builders screed mix is a well-proportioned “dry mix” of cement, sand, and additives. This Mix is suitable for internal and external tile installation.

APPLICATIONS

Australian Builders screed mix is ideal for the following applications

- Levelling internal floors
- As a base for tiles
- As a base for vinyl
- As a base for timber and carpet
- Bedding for outdoor pavers
- Balconies and alfresco areas as an underlayment

PROPERTIES OF AUSTRALIAN BUILDERS SCREED MIX

The below shows the typical properties of Australian Builders Screed mix. All the testing is conducted in with the relevant Australian Standards test methods.

Approximate Mix Composition (Parts by Volume)	
Cement	1
Sand	3
Additives to enhance the bonding	<1% (by weight)
Compacted density (Cast) kg/m³	1500-1700
Compressive Strength of Sand and cement mix (MPa)	
7 day (MPa)	>10
28 day (MPa)	>15

DIRECTION TO USE

- Place the required quantity of dry screed mix into a wheelbarrow or onto a hard-non-absorbent surface.
- As a guide, use approximately 2.4 litres of water for 20 kg screed mix. (Note: Additional water in screed mix can reduce the performance and increase the drying shrinkage).
- Add water gradually into the dry screed and mix using a drill or a shovel until a plastic, consistent and workable mix is formed.
- Use wet screed mix immediately after mixing. Don't allow the mix to dry out.
- Level the screed layer until it achieves the desired thickness and finish. Allow the mortar to stiffen before the final finishing.
- **Indoor applications: Place the screed onto the prepared surface and spread out evenly to the required thickness with a straight edge or trowel, Apply the desired finish with a float, Allow the screed to cure before applying the overlayment.**
- **Outdoor applications: Make sure the underlayment has been prepared and compacted (crushed rock e base). Place the screed directly onto the bed and spread evenly. Place the paver on top and tap lightly with a mallet to settle the paver in and obtain the correct height and level. Best practice is to lay one or two pavers at a time.**

PREPARATION OF THE SURFACE BEFORE SCREEDING

- All the surfaces must be completely non-absorbent, dry (no free water), dimensionally stable, free from loose particles, greasy films, waxy films, dust, and any other impurities
- The wet areas like bathrooms and laundries should be waterproofed before applying the screed mix.
- Absorbent surfaces like cement sheets should be primed before applying the screed mix.
- Use of screed mix on an existing or new concrete floor must be according to relevant standards to control the shrinkage (AS 3958.1 Table 4.3).

Note: When the screed mix is applied to a large area, ensure the screed mix has a sufficient bonding with the base. The screed layer should have enough thickness to provide sufficient rigidity and reduce the likelihood of lifting. Also, the screed should be properly cured to avoid drying shrinkage.

CURING

It is important to provide adequate curing for the screed layer to control the shrinkage. The screed mix should be kept continuously damp for seven days. Plastic sheets can be used to avoid rapid moisture loss from the surface. After curing, the tile adhesive can be applied as per supplier's instructions or Australian standard AS 2358: Adhesive for fixing ceramic tiles.

YIELD

Approximately 100 bags of 20 kg screed mix are enough to produce one cubic meter of screed.

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods. It is suggested that you share the load with another person. Australian Builders screed mix can be stored up to six months provided it is stored in a place dry place which is protected from ingress of moisture.

SAFETY INFORMATION

For safety information refer to the safety data sheet (SDS) for Australian Builders Screed mix. SDS is available in www.bpsaust.com

AVAILABILITY

Australian Builders screed mix is available in 20kg bag.

