

# Acoustiscreed

Soundproofing ceramic, porcelain and stone tile screed

## Packaging



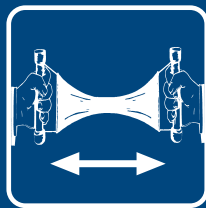
## Mixing



## Application



## Uses



## Substrates

Floors  
Concrete  
Cement Screed  
Compressed  
Cement  
Sheeting

## Description

**Acoustiscreed** is a two-pack, acrylic/cement-based soundproofing screed.

## Features

- Enhances the acoustic properties of **Acoustibond**
- Fully bonded and will not become drummy
- Easy mixing – two-pack formulation based on an acrylic resin and a cement/rubber crumb-based powder
- Easy application – trowelable viscosity
- Low odour
- Water resistant
- Low V.O.C.
- Excellent adhesion to building surfaces
- Flexible
- Enhances acoustic and thermal properties
- Reduces impact noise

## Uses

**Acoustiscreed can only be applied by skilled applicators.**

A two-pack, acrylic/cement-based screed that increases the acoustic performance of **Acoustibond**.

## Coverage (Approximate)

20L liquid plus 25kg powder covers approximately 5-6m<sup>2</sup> at 6mm thick.

## Specification

The ceramic tile screed will be an acrylic/cement two-pack system, such as **Acoustiscreed** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

## Surface Preparation

All surfaces must be firm and clean, free from dust, waxes, paint, laitance and all contaminants.

## Priming

When applying **Acoustiscreed** directly to porous concrete, cement screed and cement sheeting, prime with **Primebond** or **Primax**.

## Mixing

Mix ratio 20 litres of liquid with 25kg of powder to a thick, lump-free, creamy consistency. Pot life is approximately 1 hour, depending on temperature. Allow to stand for 5 minutes and restir before use.

## Application

Apply a 12mm x 6mm sound absorption tape to the walls surrounding the area to be soundproofed to stop the transfer of sound into the walls. Mix in a 60L container and place the mixture over a 1-2m<sup>2</sup> area at a time and spread and level the screed with a 6mm **Dribond** acoustic pegged trowel. Repeat this procedure until the area has been covered. Peg marks to be filled when applying **Acoustibond** (once the **Acoustiscreed** has cured @ approx. 24 hours).

## Cure Time

Tiles will be trafficable after 24-48 hours depending on temperature and screed thickness. Protect the screed from moisture and allow to fully cure for 1-2 days before putting into use.

## Cleaning up

Uncured **Acoustiscreed** may be removed from tools and equipment with water. Once cured, the material can be removed with any strong solvent.

## Precautions

Do not alter mix ratio in any way (mixing extra powder or water), as this will substantially reduce its acoustic properties.

- **Do not use in ponded, continuously damp or immersed applications**
- **Apply screed at temperatures from 10-30°C**
- **The screed bed must be 3-6mm thick.**

## Safety Precautions

Non-toxic, but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Safety Data Sheet. Refer; [www.constructionchemicals.com.au](http://www.constructionchemicals.com.au)

**Shelf Life** 1 year powder / 2 years liquid.

## Impact noise test results

200mm concrete slab, 150mm cavity (no insulation), 13mm plasterboard	Decibels (dB) L'nT,w	Noise reduction
<b>Bare Floor</b>	60	<b>Changes in sound level</b> 3dB=Clearly noticeable, 10dB=Half as loud
3mm <b>Acoustibond</b> , 6mm <b>Acoustiscreed</b> 10mm thick ceramic tiles	45	15 dB

**Acoustiscreed and Acoustibond exceeds the acoustic requirements of the Building Code of Australia.**

The acoustic ratings vary depending on the building construction (i.e. concrete thickness, strength, use of suspended ceilings, density of tile/stone, and installation details). An accurate test is recommended for specific site performance figures.