Dribond CONSTRUCTION CHEMICALS

Acoustiscreed

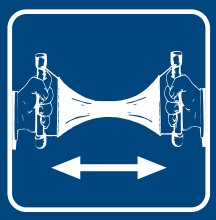
Soundproofing ceramic, porcelain and stone tile screed

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^2 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^2 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).

Must be applied in accordance with all relevant **Construction Chemicals** technical information: www.constructionchemicals.com.au/tech-info/

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

Shelf Life

When stored in the original, unopened packaging, in a dry place @ 23°C @ 50% relative humidity, the product has a 12 month shelf life.

Impact noise test results		
200mm concrete slab, 150mm cavity (no insulation), 13mm plasterboard	**Decibels (dB) L'nT,w**	**Noise reduction**
Bare Floor	60	**Changes in sound level** 3dB=Clearly noticeable, 10dB=Half as loud
3mm **Acoustibond**, 6mm **Acoustiscreed** 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.

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June 22