

Acoustic System Specification

Project Name _____

Contact _____

The Acoustic Flooring System shall be a two-pack, flexible underlay, such as **Acoustiscreed**, **Acoustiflor** and **Acoustibond** ceramic tile adhesive.

The ceramic tile adhesive shall be a two-pack, flexible adhesive that conforms to AS 2358 and has a minimum shear bond strength of 13.26kg/cm² (1.3MPa), such as **Acoustibond**, manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's instructions.

1. All surfaces must be structurally sound, firm and free from oil, grease, laitance, dust and other contaminants.
2. Priming: The porosity of the concrete determines the type of primer required, if the concrete is porous our normal primer is sufficient, but if the surface is steel floated and non-porous, **Primax** would be required to achieve maximum adhesion.
3. All hard surfaces coming in contact with the acoustic underlay, i.e., kitchen cabinets and walls must have the acoustic tape applied to prevent the tiles or timber coming in contact with these surfaces.
4. The acoustic underlay shall be applied at 5mm thickness using a **Dribond** Acoustic Trowel and allowed to cure for 48 hours prior to adhering the floor covering.



**Ceramic tile adhesives
and grouts, waterproofing
and repair products**

info@constructionchemicals.com.au
www.constructionchemicals.com.au

Adelaide

49-57 Davis St
Wingfield SA 5013
Phone (08) 8243 7888
Fax (08) 8243 7800

Brisbane

45 Coulson St
Wacol QLD 4076
Phone (07) 3271 2944
Fax (07) 3271 3892

Melbourne

11 Gabrielle Ct
Bayswater North VIC 3153
Phone (03) 9761 4711
Fax (03) 9761 4748

Perth

11 Collie St
Welshpool WA 6106
Phone (08) 9356 9999
Fax (08) 9356 9955

Sydney

31-33 Newton Rd
Wetherill Park NSW 2164
Phone (02) 9756 3533
Fax (02) 9756 3534

Auckland

16 Carpenter Rd
East Tamaki
Phone (09) 273 5444
Fax (09) 273 5442

Kuala Lumpur

Lot 2 Jalan Kecapi
33/2 Elite Industrial Estate
Off Jalan Bukit Kemuning
40400 Shah Alam
Phone (603) 5122 2522
Fax (603) 5122 2526

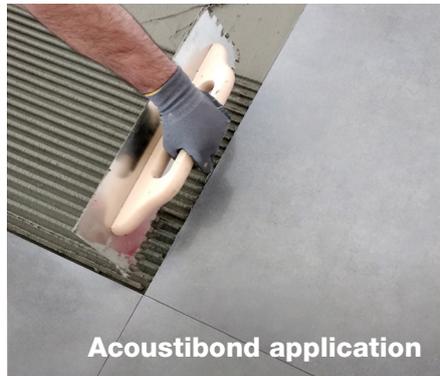




Soundproofing concrete floors



Acoustiscreed application



Acoustibond application



Acoustiflor application

Impact noise test results		
200mm concrete slab, 150mm cavity (no insulation), 13mm plasterboard	Decibels (dB) L'nT,w	Noise reduction
Bare Floor	60dB	Changes in sound level 3dB=Clearly noticeable, 10dB=Half as loud
10mm thick ceramic tiles 3mm Acoustibond	48dB	12dB
10mm thick ceramic tiles 3mm Acoustibond 6mm Acoustiscreed	45dB	15dB
10mm thick ceramic tiles 3mm Acoustibond 6mm Acoustiflor	44dB	16dB

Save time and cost soundproofing concrete floors in multilevel buildings using high-quality Australian developed and made matt/adhesive to bond ceramic tiles internally/externally on balconies and wet areas.

Benefits

- Up to 50% cost saving
- Permanently bonded and does not become drummy like some competitive products
- Water-based and Green-friendly
- Faster and simpler to apply
- Exceeds the acoustic requirements of the Building Code

Acoustic tests conducted by Auckland University show that the improvement in acoustic performance (Delta rating) of **Acoustibond** is $\Delta L_w 11$ dB, and 4.5mm **Acoustiflor** and **Acoustibond** $\Delta L_w 13$ dB.

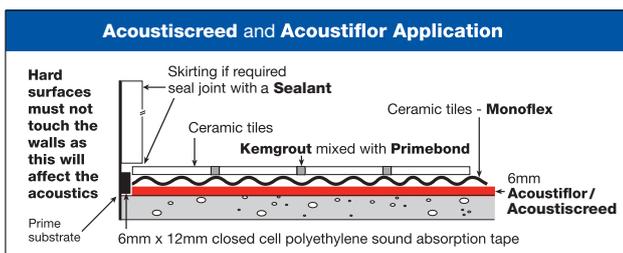
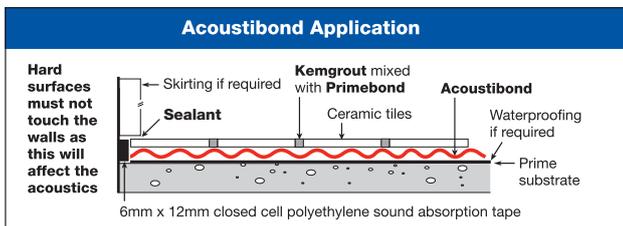
Acoustibond is a trowel-applied ceramic tile adhesive and is a fast, inexpensive solution to soundproofing tiles and adhering them at the same time and is the most cost effective acoustic solution.

Acoustiflor is a flexible, levelling, acoustic compound so it levels the floor before adhering the tiles with a ceramic tile adhesive.

Acoustiscreed is a soundproofing ceramic, porcelain and stone tile screed.

The acoustic system can be applied 3, 4, 6 or 9mm thick to achieve the desired acoustic rating and cost.

Acoustibond, **Acoustiflor** and **Acoustiscreed** are applied faster than competitive systems and will save cost and time.



Project Specification

Site

Address

Builder

Architect

Fixing Contractor

PATCHING AND LEVELLING

<input type="checkbox"/> Kitchen	<input type="checkbox"/> Living area	<input type="checkbox"/> Bedroom	<input type="checkbox"/>
<input type="checkbox"/> Level Floor Standard	<input type="checkbox"/> Level Floor Tuff	<input type="checkbox"/> Level Floor V15	<input type="checkbox"/> Feather Floor
<input type="checkbox"/> Rapid Set 45	<input type="checkbox"/>	Area - units no. / rooms / m ²	

WATERPROOFING MEMBRANES

<input type="checkbox"/> Shower alcove	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Laundry	<input type="checkbox"/> Deck
<input type="checkbox"/> Balcony	<input type="checkbox"/> Swimming pool	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Flexible Sealer	<input type="checkbox"/> Liquid Flash 1	<input type="checkbox"/> Liquid Flash 2	<input type="checkbox"/> Hydrathane
<input type="checkbox"/>	<input type="checkbox"/>	Area - units no. / rooms / m ²	

ACOUSTIC SYSTEMS

<input type="checkbox"/> Kitchen	<input type="checkbox"/> Bathroom	<input type="checkbox"/> Laundry	<input type="checkbox"/> Dining area
<input type="checkbox"/> Living area	<input type="checkbox"/> Bedroom	<input type="checkbox"/> Balcony	Area - units no. / rooms / m ²
<input type="checkbox"/> Acoustiscreed	<input type="checkbox"/> Acoustiflor	<input type="checkbox"/> Acoustibond	<input type="checkbox"/>

CERAMIC TILE ADHESIVES

<input type="checkbox"/> Wall	<input type="checkbox"/> Floor	<input type="checkbox"/> Deck	<input type="checkbox"/> Balcony
<input type="checkbox"/> Facade	<input type="checkbox"/> Swimming pool	<input type="checkbox"/> Driveway	<input type="checkbox"/>

Primer

<input type="checkbox"/> Primebond	<input type="checkbox"/> Primax	<input type="checkbox"/> Epecrete
---	--	--

Adhesive

<input type="checkbox"/> Monoflex	<input type="checkbox"/> Gripflex	<input type="checkbox"/> Kemgrip Floor & Wall and Elastacrete
<input type="checkbox"/> Ultima	<input type="checkbox"/> Rapidfix	<input type="checkbox"/>

Grout

<input type="checkbox"/> Kemgrout Flexible	<input type="checkbox"/> Kemgrout Sanded	<input type="checkbox"/> Epegrount	Colour	<input type="text"/>
Area - units no. / rooms / m ²				<input type="text"/>

Representative

Date
