

Zada

Precision Adhesion



Technical Data Sheet: ZadaAcoustik

Product Description

ZadaAcoustik Dry is a high-performance water based polymeric adhesive designed to directly bond acoustic mats in dry areas. ZadaAcoustik exhibits high cohesion and adhesive strength, it can be applied using a V notched trowel and a nap roller.

ZadaAcoustik Dry features:

- High strength
- Water based
- Highly flexible
- Easy to apply
- Low VOC content Green star – IEQ-11 V1 and IEQ13V2 compliant

Surface Preparation

Surface must be clean, dry, firm and free of dust, oil, grease, wax and curing compounds. The substrate must be installed according to the relevant standards and manufacturer recommendations. If the substrate is in need of mechanical preparation use diamond grinding, shot blasting or scarifying to roughen substrate do not use chemicals to etch the surface. Ensure the substrate moisture content is below 80 percent.

Please contact Zada Australia for further information.

Substrates

Concrete, ensure the concrete substrate is fully cured for at least 28 days. Substrate to remain within 3mm rise in 2.4m liner section. Any sharp object be removed. Substrate must be clean from all contaminants that may affect the adhesion strength of ZadaAcoustik. Very absorbent substrates be treated by spraying water to the surface before application of ZadaAcoustik.

Optimal surface temperature should be within 10-35 degrees. Substrate must be structurally sound and free of movement.

Ensure all substrates must comply with relevant Australian standards.

Mixing

No mixing is required.

Coverage

60m² per 15lt pail, using 1.6mm V notched trowel.

*Please note coverage is a guidance coverage will be affected due to state of the substrate.
Using a nap roller will yield higher coverage.

Bonding

ZadaAcoustik can be used to bond rubber, composite acoustic mats, Vinyl deco tiles etc.

Installation

Apply sufficient even amount of ZadaAcoustik to prepared substrate using a V notched trowel or a nap roller to the substrate, bed the tile into the adhesive.

Ensure tiles laid are bedded into the adhesive within 20 minutes before ZadaAcoustik skins. Press the mat/ tiles firmly into the adhesive whilst moving tile in an up/down motion ensuing greater than 90% adhesive coverage on the back of each mat/tile another method is to place weight to the mat/tile to achieve sufficient adhesive coverage.

Ensure tiles are installed before the adhesive skins. Remove all excess adhesive from the tiles before it sets. For information not listed please contact Zada Australia for further details.

Ensure the back of each mat/tile is clean free from dust and other contaminants.

Tiles/mats should be fixed in accordance with the Australian Standards AS3958.1-2007.

For all other applications not mentioned please contact Zada Australia.

Expansion and Movement joints

Installation must be carried out in accordance with Australian Standard AS3958.1-2007.

Movement joints must extend from the substrate, through the tile bed, and up to the face of the tile. Joints must be clean and free from dirt, adhesive residue, and tile spacers prior to sealing.

Movement joints must be a minimum of 6mm wide and no greater than 10mm wide and must be filled with a suitable elastomeric sealant.

Movement joints are required in the following locations:

- At maximum intervals of 4.5 metres externally and 6 metres internally
- Around the perimeter of the floor
- Directly over existing movement joints in the substrate
- Where different materials meet (e.g. timber and concrete)
- Around structural elements such as columns or fixtures
- At internal vertical corners
- At changes in direction of tiling, including changes in storey height

General

Ensure tiles/mats are clean and free of contaminates, tiles must be dry before installation can commence.

Do not expose water or alcohol-based cleaners to the adhesive before completely curing. Do not apply ZadaAcoustik dry over burnished concrete, substrate must be mechanically abraded before commencement of installation.

Safety Handling

- Ensure all appropriate PPE is worn including eye protection
- Wear suitable respirator
- Use in well-ventilated areas
- Avoid breathing vapours
- Avoid contact with skin and eyes
- If ingested drink plenty of water seek immediate medical advice
- If in contact with eyes wash using plenty of water seek immediate medical advice
- Australian poisons information contact number 13 11 26 emergency services (ambulance, police, fire brigade) 000.

Special note: Protect installation from other trades. Do not allow traffic until all the installation has fully cured for 24 hours.

Packaging

15lt pail. Care should be taken, correct lifting/carrying techniques should be used at all times for safety. Do not store in direct sunlight, protect from frost.

Clean up

Clean tools and equipment immediately after completion using white spirits or mineral turpentine

Disposal

Dispose empty pails and residue in accordance with local waste management regulations.

Precautions

Not recommended over dense burnished (shiny) concrete, should not be used in confined areas. Direct sunlight, dry wind, high or low temperatures will affect work times and final setting times. Ensure all installations are completed within open time failure to do so may compromise bond strength. Optimal substrate temperature must be between 10-30 degrees low temperatures may affect setting times.

For further information contact Zada Australia.

Technical Data

Open time	30 minutes @ 23 degrees
Appearance	Cream coloured premixed adhesive
Shelf life	12 months
Main components	Acrylic resin

Manufacturers Warranty

ZadaAcoustik Dry is backed by our 10 year manufacturer's warranty.

Disclaimer

The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the supplier. The manufacturer insists that all workmanship must be carried out in accordance with the manufacturer's specification. To the full extent permitted by law, Zada Australia Pty Ltd liability is limited to its discretion, to replacement of good or the supply of equivalent goods.