

# TECHNICAL DATA SHEET

# DECO BOND

## Vinyl Flooring & Acoustic Mat Adhesive



### DESCRIPTION

Deco Bond is an acrylic resin emulsion-based adhesive, particularly suitable for vinyl flooring and acoustic mat adhesive. The product performs high strength cohesion and adhesion.

### FEATURES

- High bond strength
- Water based
- High flexibility
- Easy to apply.
- Low VOC

### USES

- Adhering Vinyl composition tiles to internal concrete subfloors.
- Adhering Acoustic mats to internal concrete subfloors, etc.

### SPECIFICATIONS

Main Constituents	Acrylic resin emulsion
Net Weight	Available in 10kg bucket
Appearance	Aqueous type
Open Time	30 minutes, approx.*
Shelf Life	12 months

\* Depends on temperature, humidity, surface permeability, etc.

\*\* Under generally accepted hygrothermal conditions

### COVERAGE

1.6mm Notched Trowel	Up to 45m <sup>2</sup> /10kg*
----------------------	-------------------------------

\* Guidance only. Figures may vary depending on angle trowel is held, substrate properties, workmanship, etc.

\*\*Depends on substrate, tile size and type, tiling method, etc.

### SUITABLE TILE TYPES

Acoustic Mat, Deluxe Tiles, Deco Tiles, Other Vinyl Composition Tiles

### SUBSTRATE PREPARATION

Before applying, ensure:

- Mortar substrates (concrete, etc.) have fully cured for at least 4 weeks;
- Substrate remains even with the minimum

undulation (meaning up to 3mm-rises in any given 2.4m linear section is acceptable) and sharp protrusions are removed;

- Substrate is clean and free from foreign substances such as dust and grease;
- Absorptive substrates (such as ALC blocks) are primed using SSANGKOM Morgreen or SSANGKOM ALC Primer to improve bonding;
- Substrate remains dry;
- Porous substrate with high absorbency should be saturated with water sprayed on the substrate surface.
- Substrate is not exposed to contraction and excessive vibration;
- Ensure surface temperatures are kept within 5 - 25°C.
- Substrate remains structurally solid and durable; and
- Substrate surface unevenness that may hinder adhesion is removed.

IMPORTANT: All substrate preparation works and the installed substrate must comply with relevant Australian Standards.

### MIXING

No mixing required.

### APPLICATION

All work must be carried out in accordance with relevant Australian standard(s).

1. With a sweeping motion, spread an even coat of adhesive on the prepared surface using a 2-3mm scraper.
2. It is recommended that the installation be carried out after 10-20 minutes (tack time) and before the adhesive skins. This takes approximately 10-20 minutes at 18-22°C. Note: The tack range may vary according to site conditions and climate.
3. Lay the tile onto the adhesive.
4. Use a roller (e.g., with a 50kg roller) in both directions to ensure sufficient adhesive contact with the tile back.
5. Remove any excess from the surface of the tiles before the adhesive hardens.
6. Consider using spacers for even grout lines.

### NOTE ON MOVEMENT JOINTS



Movement joints must be installed in compliance with the relevant Australian Standard (AS3958.1 – 2007).

## PRECAUTIONS

### General

- Ensure the backs of the tiles are clean. Wash the backs of the tiles if contaminated. Ensure the tiles are dry before laying them on the substrate.
- Adjust trowel thickness to best suit the tile size and substrate conditions.
- Make sure to perform tiling within the open time; failure to do so may cause a weaker adhesion.
- Direct sunlight, dry wind and high temperature may affect the open time if the humidity has fallen too low.
- Keep the substrate temperature above 10 °C during installation. Low temperature may hinder adhesion and compromise product performance.
- Have the tiles slightly heated or warmed up when installing in cold climates to prevent them from lifting.
- Allow adhesive to become “tacky” before laying the tile. This takes approximately 20 minutes (20 °C). The tack range may vary according to site conditions and could be faster or slower than specified.
- Do not expose to water or alcohol-based cleaners before complete cure.
- Must be fully cured before tiling over; allow a minimum of 24 - 48 hours.
- Store adhesive at temperatures 5 - 35°C, away from direct sunlight, with a tightly sealed cap. Do not allow adhesive to freeze.
- Cure/drying time may vary according to site conditions, climate, humidity, and substrate types.

## HEALTH

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

## SAFETY

Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Only use outdoors or in an adequately ventilated space. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove affected person to an area with fresh air and which is comfortable to breathe in. IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if present and convenient to do so. Continue rinsing. In the event of inhalation, skin or eye contact, contact a poisons information hotline or other relevant medical provider.

## FIRST AID

Eye contact: Immediately flush eyes and skin with running water for at least 20 minutes. Seek medical attention.

Skin contact: Immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. Seek medical attention. Remove substance immediately if contacting skin. If small amount of substance contacts skin, prevent subdermal diffusion.

Inhalation: Keep warm and at rest. Immediately seek medical attention. If breathing has stopped or is irregular, supply oxygen and give artificial respiration. If present, evacuate dust and fumes by blowing clean air into the space, and take medical action if symptoms develop. Move person to fresh air.

Ingestion: Immediately seek medical attention. Rinse out mouth out with drinking water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

AUSTRALIAN POISONS INFORMATION CENTRE: 13 11 26 (24 HOUR SERVICE), 000 (POLICE OR FIRE BRIGADE)

## NOTES

The details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time this Technical Data Sheet is printed. Contents in this Technical Data Sheet and the product properties may change without notice.

## DISCLAIMER

To the maximum extent permitted by law, SSANGKOM disclaims all warranties in relation to any loss or damage resulting from use of out-of-date product, incorrect use of the product, or negligence. Even if problems occur while using the product, SSANGKOM's responsibility is limited to replacement and refund of such product.

Data was developed by the researchers in SSANGKOM in-house laboratory and based on the hands-on work experiences. To improve product quality, data may change without notice. Data may not be optimized in some sites. Consult SSANGKOM should you have any doubts.

---

## TECHNICAL DATA SHEET

### DECO BOND

### AUGUST 2023

Produced in accordance with ISO 9001  
Q Mark certified

SSANGKOM PTY LTD  
[www.ssangkom.com.au](http://www.ssangkom.com.au)  
Tel: 1300 995 879

