

ACOUSTALAY®

Innovative underlay for rigid floors



EASY TO USE
ACOUSTALAY® ADHESIVE
(SELF ADHESIVE BACKED)
SIGNIFICANTLY REDUCES
INSTALLATION TIME.



250 ADHESIVE

FOR USE WITH
**ENGINEERED & SOLID
WOOD FLOORS**

PERFORMANCE
DOMESTIC/COMMERCIAL

ACOUSTALAY® 250 ADHESIVE should be used as an insulating/spot leveling layer between the floor to be laid and the wooden-based sub-floor.

Suitable for use with sub-floor embedded underfloor heating.

(Operating temperature -50°C to 100°C.)

TYPICAL USE Bedroom Spare Room Living Room	PERFORMANCE Domestic/Commercial 2.5 kPa 250 Kg/m ² (max load)
JOINT PROTECTION 28 kPa 2800 Kg/m ² (compressive strength)	THICKNESS 3mm (2.7mm spot levelling)
THERMAL INSULATION Medium 0.090m ² K/W	VAPOUR BARRIER (MOISTURE) NO
IN-ROOM SOUND QUALITY (DRUM) ★★★	TRANSMITTED SOUND REDUCTION (IMPACT) ★★★ 16dB†

† Estimated values from known test results.

Always read and follow the guidelines supplied with the underfloor heating system and/or floor to be fitted.

If laid on a concrete sub-floor a separate vapour barrier should be used.

If the underlay fails, the floor fails

All underlay must provide a minimum of 1.5mm protective layer between the floor and sub-floor (spot levelling) and deflect no more than 0.5mm to protect the joints.

INSTALLATION



- 1 Ensure the floor is clean and flat*. To assist laying, apply double-sided tape to the perimeter of the sub-floor.
- 2 **If laid on a concrete sub-floor**, then a separate vapour barrier should be used and positioned with a minimum of 20mm up all room edges. (Any surplus can be trimmed flush to the floor when installation is complete and concealed with appropriate newly fitted skirting, scotia/trim).
- 3 Unroll at 90° to the direction of the floor, with the release liner facing upward. Each row of ACOUSTALAY® should be measured to allow approximately one board width plus 100mm extra length up the wall at the leading edge.
- 4 The second row of ACOUSTALAY® should be laid so that the foam is flush to the previous row (do not overlap the foam).
- 5 Peel back the release liner from the adhesive on the extra length measured at the leading edge of all rows of ACOUSTALAY® (mentioned in point 3 above). Leaving the liner intact, trim the underlay only flush to the room edge. Replace the liner to cover all exposed adhesive to ensure no contact is made with the flooring before intended. NB: As spare liner becomes available during the installation it can be re-applied to any off-cut pieces of foam, which can be retained for later use.
- 6 Fold the extra length of liner down onto the newly trimmed rows (without exposing the adhesive), giving a double layer of liner onto which the first row of boards can be laid.
- 7 Remember to leave expansion gaps in accordance with floor fitting instructions. It is important that the first row is laid completely straight (**do not assume the wall is straight**).
- 8 Once the first row is positioned, a portion of the liner will still be visible. Grip this and gently pull back from under the boards, while retaining pressure on the flooring to keep it in place. **CAUTION: Once the floor contacts the adhesive it will not be possible to re-adjust its position.**
- 9 For ease of installation ensure that the release liner remains underneath the last fitted row. If pulled too far at any stage simply press carefully back into place, so that no adhesive is exposed.
- 10 Install further rows by laying the flooring on top of the folded liner and, once in position, pull back the liner from the ACOUSTALAY® row by row.
- 11 Trim back all exposed ACOUSTALAY® flush to the floor and conceal with the newly fitted skirting, scotia/trim.



est. 1986
Engineering Underlay for rigid floors since 1995
"THE FIRST - THE BEST"
www.acoustalay.co.uk

Code: ACOUSTALAY® 250 ADHESIVE
Size: 10m x 1m x 3mm (10m²)



*A flat sub-floor means deviations of less than 2mm over 2.5m.

Minimum installation temperature: 5°C