



Supersolid Engineered Flooring / Pre-coated

Over in / on slab heating (concrete subfloor – no ply)

Suitable for in slab heating systems (eg piped hot water) and on slab heating (eg wires)

Technical Installation Guide

1. Products

1.1 CONCRETE SEALER

Sika Primer MB – Primer and moisture regulator.

1.2 ADHESIVE

SikaBond T55

1.3 SUPERSOLID (PRE-COATED) ENGINEERED FLOORING

Herman Pacific's SuperSOLID (pre-coated) Bevelled Edge and Ends Engineered flooring kiln dried to a moisture content to match the proposed finished installation environment, plastic wrapped and stored flat and inside until installation starts.

1.4 COATINGS

Ciranova Unico VOC free oil.

2. Installation

2.1 PRIOR TO STARTING ANY WORK

Start installation only when the building is fully enclosed, when all "wet" trades have finished and when any heating or air-conditioning systems are operating.

2.2 SUBFLOOR

Ensure the subfloor is clean, dry and level to the BRANZ Specification of maximum 5mm over a 3 metre straight edge in any direction.

2.3 SUBFLOOR PREPARATION

Diamond grind the entire floor area to remove surface layer, high spots and construction debris to ensure the best possible key to the slab.

2.4 MOISTURE BARRIER

Vacuum clean the diamond ground slab and apply Sika Primer MB – Primer and moisture regulator to the manufacturers' specification. Restrict traffic and allow 8 - 36 hours to dry.

2.5 LEVELLING OF SLAB

Fill any low spots with a primer and levelling compound over the Sika Primer MB following the manufacturers' specifications. The primer is applied before levelling, to ensure a strong bond between the Sika Primer MB and levelling compound. Note: Levelling compound, if applied underneath the Sika Primer MB may be weakened by the presence of trapped moisture in the concrete slab. Follow manufacturers' instructions.

2.5^A APPLICATION OF LEVELLING MATRIX OVER HEATING WIRES (if appropriate)

Securely fix wires in place (hot glue) over Sika Primer MB moisture barriered slab, priming the patches where glue needs to adhere. Apply primer to entire Sika Primer MB'd area. Apply levelling screed and allow to dry following the manufacturers' specifications. The primer is applied before applying the levelling matrix, to ensure a strong bond between the Sika Primer MB and levelling compound. Note: Levelling compound, if applied underneath the Sika Primer MB may be weakened by the presence of trapped moisture in the concrete slab. Follow manufacturers' instructions.

2.6 FLOORING MOISTURE CONTENT

Check the moisture content of the timber flooring and ensure it is at the desired level for the installation environment.

2.7 FLOORING INSTALLATION

"Gun" apply the SikaBond T55 adhesive directly to the back of the planks across the width of the board at approx. 20-25 degree angle. Adhesive bead should be approx. 15mm wide x 10mm thick at 80mm spacing. Lay the planks onto the floor ensuring entire length is firmly pressed to create a good bond "staggering" the end joins in a random fashion. Cramp and secret fix with fluted flooring masonry nails if needed.

2.8 EXPANSION SPACES

Leave expansion spaces to the timber suppliers' specifications (6-10mm) at all fixed objects, walls and flooring transitions/junctions.

3. Finishing

3.1 PROTECTION

Restrict all traffic for 24 hours then allow only clean traffic, if needed it may be covered by "RamBoard" floor protection to protect it from trade damage (vacuum carefully first). Avoid covering with plastic at any stage. DO NOT apply ANY tape to the finished surface.

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Premium timbers that don't cost the earth

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