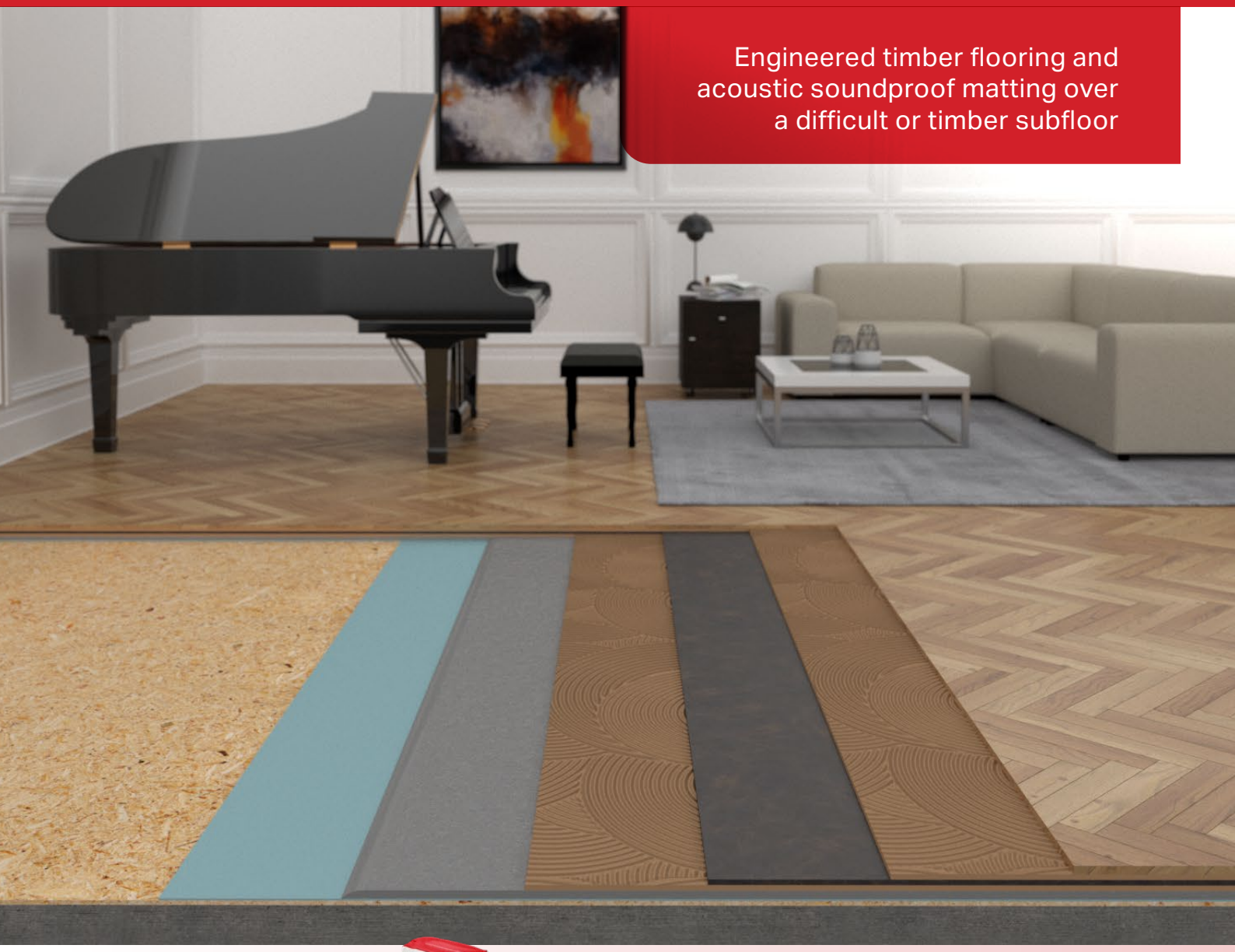
SIEGEL

Bond for Life.

Timber Flooring Installation System

Engineered timber flooring and acoustic soundproof matting over a difficult or timber subfloor



(Existing) Properly prepared **Timber Floor**	Bonding Primer **SiegelPrime** P10	Self-levelling Compound **SuperLevel** FLEXI	Timber Flooring Adhesive **SiegelBond** PRO	Foam, rubber, cork **Acoustic Underlay**	Timber Flooring Adhesive **SiegelBond** PRO	Engineered **Timber Floor**

Please refer to the corresponding Technical Data Sheets for full product application instructions and limitations.

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LOW VOC

GBCA Compliant

1.0 | Difficult Substrate Preparation

Difficult substrates include:

- Ceramic and stone tiles
- Terrazzo
- Existing solid timber and tongue and groove flooring
- Structural plywood
- Structural particle board
- CFC sheeting

All substrates must be structurally sound, dry, solid, stable and well bonded. Any dust, grease, oil, paint, curing compounds, or other contaminants present on the surface of the concrete substrate that may inhibit bond, shall be mechanically removed. Wood-based substrates must have all wax and sealers removed by sanding. The substrate should then be cleaned and prepared in accordance with the relevant standards, substrate manufacturers guidelines, and as per the relevant Siegel Technical Data Sheet (TDS).

1.1 | Primer (When levelling compound is to be used)

Important: SiegelPrime P10 may be applied to the Moisture Vapour Barrier once it dry to touch (approx. 2 hours for SiegelProof P12, 4 hours for SiegelProof PRO2K (but no longer than 24 hours).

A. **SiegelPrime** P10

High-performance Primer for Porous Surfaces
Suitable for use within 24 hours of Moisture Vapour Barrier Application

B. **SiegelPrime** NP60

High-performance Primer for Non-porous Surfaces
Must be used if the 24 hour window has passed since Moisture Vapour Barrier Application.

Application:

1. Stir ready-to-use primer prior to application, no dilution is required.
2. Apply primer with either a roller or brush.
3. Ensure no puddling of the primer occurs

1.2 | Levelling Compound

Important: When applying SuperLevel FLEXI over timber or non-rigid subfloors, a minimum thickness of 3mm is required.

A. **SuperLevel** FLEXI

Fibre reinforced levelling compound for interior applications.
Applied in thicknesses from 3 to 40 mm per application over timber subfloors.

Application:

1. Pour 4.6 to 4.8 litres of potable water into a clean container then add the 20kg bag of SuperLevel FLEXI while using an electric mixer. Once a lump-free mix is obtained, let it stand for 2 to 3 minutes then briefly remix.
2. Spread levelling compound from 3 to 40 mm in thickness using a large metal trowel or float, tilting the trowel slightly to obtain the desired thickness.
3. It is recommended to introduce saw cuts once the levelling compound can be walked on for large areas at high thickness to alleviate stress.
4. Allow 1-3 days of curing (depending on levelers thickness) prior to bonding onto.
5. Moisture reading should be within the subsequent adhesives moisture recommendation before bonding onto the levelling compound. Typical adhesive moisture require <5% moisture content. Refer to adhesive TDS.

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1.3 | Acoustic Underlay Adhesive

Important: With the system that is to be used, both the flooring manufacturer and the acoustic underlay supplier should be fully accepting of the methods used and satisfied that the installation will perform under the expected environment conditions that the floor will experience.

Acoustic underlay adhesive to be chosen from the following options:

A. **SiegelBond** PRO95

Easy trowel, fast setting – single component, solvent free, sililated polymer-based adhesive with very low VOC.

B. **SiegelBond** T35

Easy trowel universal acrylic flooring adhesive for vinyl, rubber and resilient flooring types.

Important:

- SiegelBond T35 should only be used when bonding directly to at least 3mm of levelling compound.
- SiegelBond T35 should not be used when a Moisture Vapour Barrier is not installed.
- SiegelBond T35 should only be used on ≤3mm acoustic matting

Application:

1. Apply adhesive using a V3 notched trowel.
2. Install acoustic underlay in the adhesive while it is still fresh in accordance with the manufacturer's guidelines.

1.4 | Timber Adhesive

Important: If applying directly to the moisture vapour barrier, use SiegelBond PRO range.

Adhesive to be chosen from the following options:

A. **SiegelBond** PRO70

High grab, medium open time – single component, solvent free, sililated polymer-based adhesive with very low VOC

B. **SiegelBond** PRO95

Easy trowel, fast setting – single component, solvent free, sililated polymer-based adhesive with very low VOC.

C. **SiegelBond** PRO98

Easy trowel, long open time – single component, solvent free, sililated polymer-based adhesive with very low VOC.

Application:

Apply adhesive evenly over substrate with SiegelBond Trowel 3 or Trowel 4.
Ensure a minimum of 80% adhesive to board contact is achieved.

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Health & Safety

Users must first read the Safety Data Sheet. Users should familiarize themselves with all the safety aspects of the product prior to usage.

Product Disclaimer

Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In every case we recommend that the customer conducts their own testing and accordingly determines, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.

For additional information, phone our Customer Service Centre - **AU:** 02 4858 1771 | **NZ:** 025636673

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