

Uniclass L673	EPIC F732
CI/SfB (90.4)	Yt3

# SikaBond®

## Elastic Bonding Systems for Timber Floors

Construction



- ▲ Permanently Elastic Adhesives
- ▲ Open Time Allows Adjustments
- ▲ Economic – Low wastage
- ▲ Suitable for use with **Sika® DPM Systems**
- ▲ Solvent Free

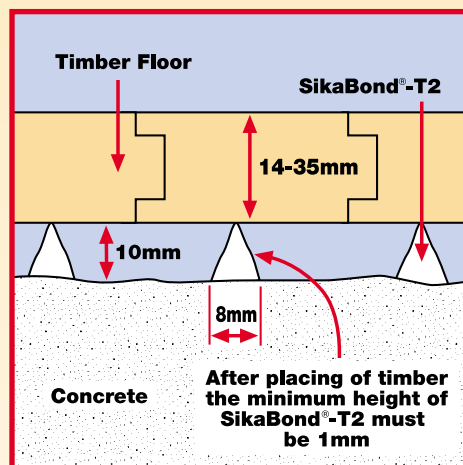


# SikaBond®-T2 Liquid Batten System

- ▲ Eliminates the need for battens
- ▲ Fixes timber directly to all floors
- ▲ Elastic when cured
- ▲ Open time up to 1 hour
- ▲ Ideal for uneven surfaces



- ▲ **SikaBond®-T2** Liquid Batten System makes it possible to install all types of wood flooring on any substrate, for example, screeds, concrete, tiles, stone, metal, thermoplastic flooring and timber.
- ▲ Due to the versatility of **SikaBond®-T2**, it has the advantage of compensating for variations in floor levels by taking out surface irregularities.
- ▲ With the ability to bond solid and engineered timber flooring directly to the sub-floor, **SikaBond®-T2** eliminates the need for fixing battens and raising of thresholds.
- ▲ Once cured **SikaBond®-T2** is fully elastic. This allows for differential movement between the bonded surfaces without the risk of delamination. When fixing timber with **SikaBond®-T2**, adjustments can be made up to 1 hour after application.
- ▲ Supplied in 310cc aluminium cartridges, as a single component product, there is no wastage associated with the use of **SikaBond®-T2**.



# SikaBond®-T52 Fully Bonded System

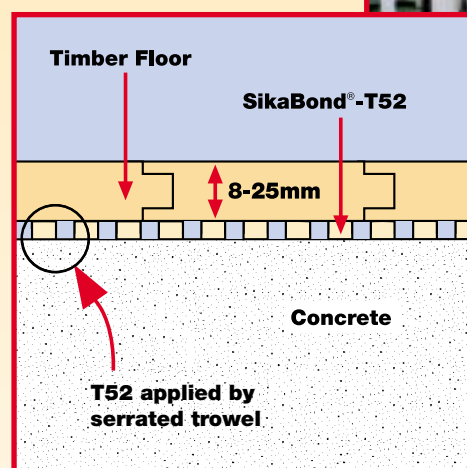
- ▲ Solvent and moisture free
- ▲ Remains permanently elastic
- ▲ Open time at least 1 hour
- ▲ Suitable for problematic timbers
- ▲ Compatible with under floor heating



▲ **SikaBond®-T52** is a single component trowel applied adhesive with excellent sound absorbing qualities. When cured it provides a high bond strength and can be used for all types of wood flooring.

▲ **SikaBond®-T52** is solvent and moisture free, odourless and ready to use. When cured it is fully elastic providing footfall sound dampening properties. Further reductions can be made in sound transmission when used in conjunction with **Sika® Silent Layer Mat**. See **Sika® AcouBond® System**.

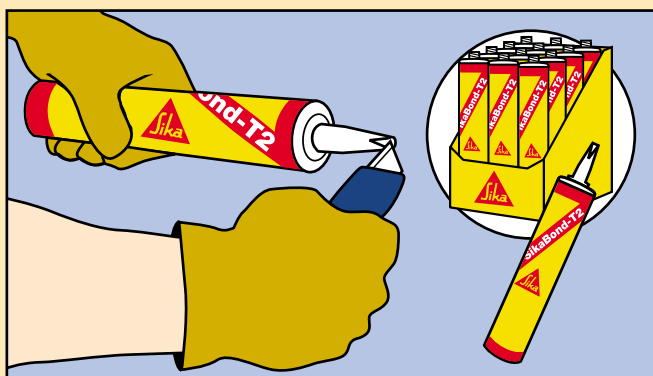
▲ **SikaBond®-T52** is fast and simple to use, with an open time in excess of 1 hour. Timber flooring can be bonded to all types of substrates. Advice on the applications, benefits and properties of the material can be obtained from Sika Technical Sales Department.



# SikaBond® Systems Application

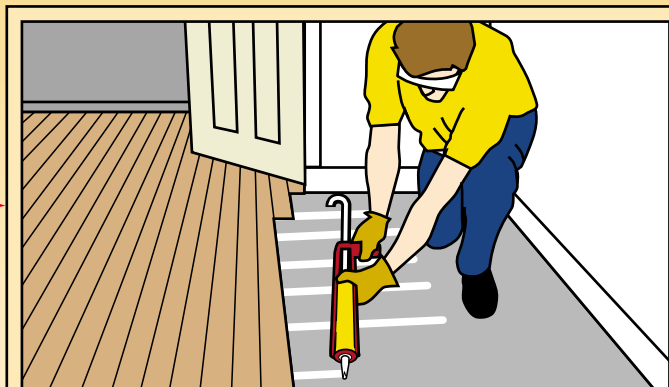
For all SikaBond® Systems, a sound clean dry\* dust free surface is required

## SikaBond®-T2 Liquid Batten System



### Preparing Cartridges

- 1) Pierce inner seal on cartridge.
- 2) Pre-cut nozzle as shown to give a 'V' shaped profile approximately 10mm high X 8mm wide.



### Gunning Out

- 1) Holding nozzle at right angles to the substrate, extrude a triangular shaped bead of adhesive approximately 10mm high X 8mm wide at 250mm centres.

## SikaBond®-T52 Fully Bonded System



### Applying

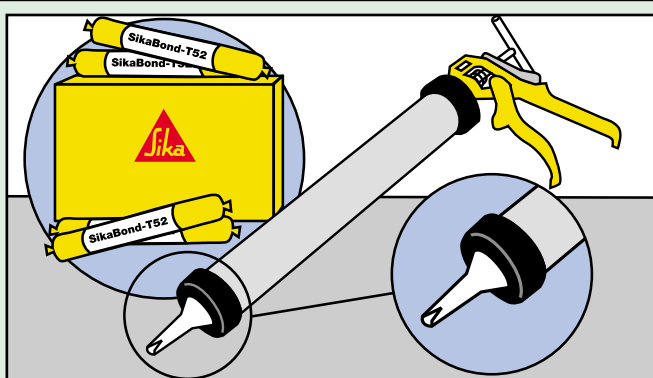
- 1) Apply sufficient SikaBond®-T52 ensuring that timber is placed within 1 hour or before surface skin has formed.



### Troweling Out

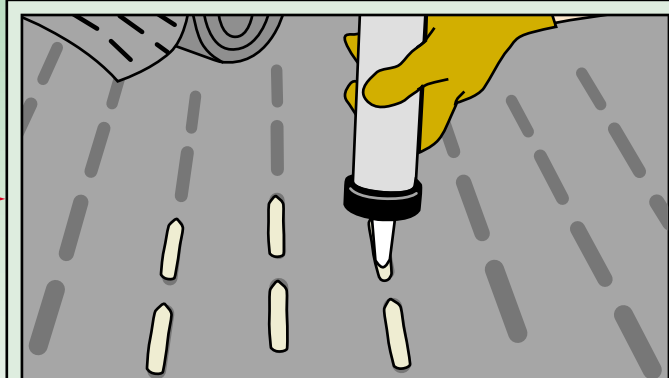
- 1) Using a suitable notched trowel spread the adhesive evenly at a minimum consumption of 0.5Kg/m<sup>2</sup>.

## Sika® Acoubond® Sound Insulating System



### Nozzle Cut - Bulk Gun

- 1) Pre-cut nozzle as shown to give a 'V' shaped profile approximately 10mm high X 8mm wide.
- 2) Insert SikaBond®-T52 sausage into bulk gun & screw on nozzle.



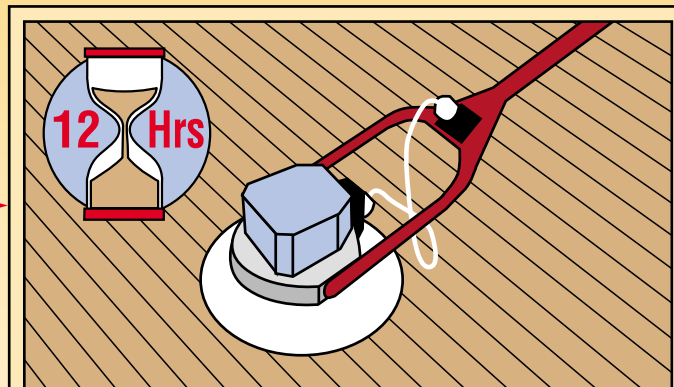
### Laying Mat & Gunning Out

- 1) Roll out Sika® Silent Layer Mat at right angles to the proposed direction of the timber floor.
- 2) Extrude triangular shaped beads of SikaBond®-T52 adhesive approximately 10mm high x 8mm wide into all of the cut-out slots.



### Placing Timber

- 1) Within 1 hour, place the timber flooring into the **SikaBond®-T2** adhesive whilst it is still tacky.
- 2) Firm to line & level using a mallet and block if necessary.
- 3) Uncured adhesive can be easily removed using **Sika® Thinner C**.



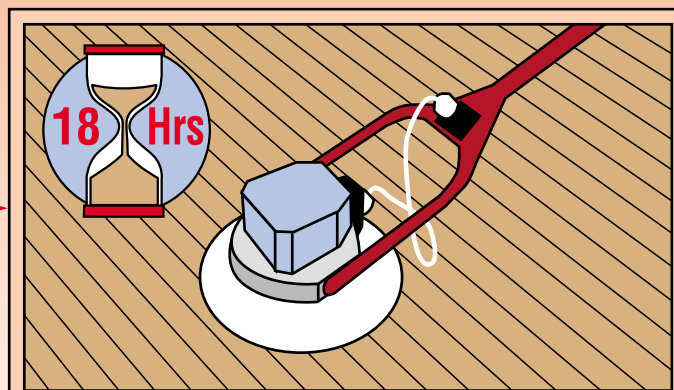
### Sanding and Finishing

- 1) After a minimum of 12 hours the timber can be sanded and finished as required.



### Placing Timber

- 1) Place timber without delay to required line & level, adjusting with a mallet and block if required.



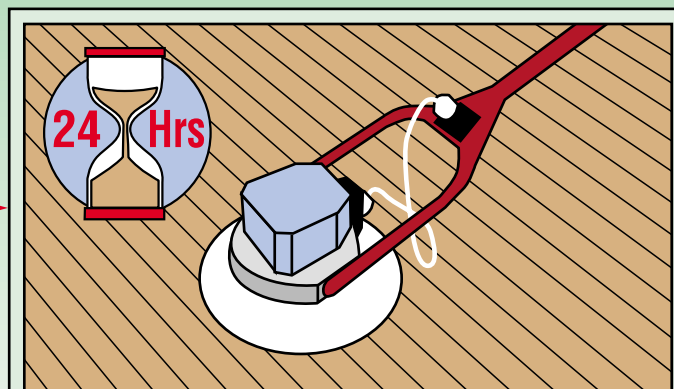
### Sanding and Finishing

- 1) After a minimum of 18 hours the timber can be sanded and finished as required.



### Placing Timber

- 1) Place timber within 1 hour to required line & level, adjusting with a mallet and block if required.



### Sanding and Finishing

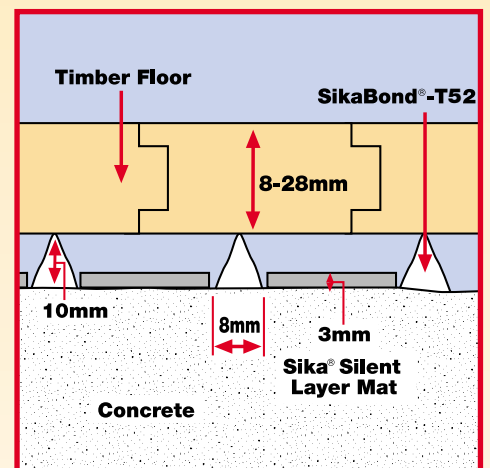
- 1) After a minimum of 24 hours the timber can be sanded and finished as required.

# Sika® AcouBond® Sound Insulating System

- ▲ Unique bonded system incorporating sound insulation underlay
- ▲ Permanently elastic allowing differential movement
- ▲ Both reflective and impact sound reduced
- ▲ Defined adhesive consumption
- ▲ Suitable for both engineered and solid finishes



- ▲ **Sika® AcouBond®** system comprises of **SikaBond®-T52** single component gun grade elastic adhesive and the **Sika® Silent Layer Mat**. Together these Sika products provide a unique combination of elastic bonding technology and excellent sound reducing properties.
- ▲ **Sika® AcouBond®** system provides the ideal solution to both impact and reflective noise whenever timber floor finishes are installed.
- ▲ Supplied in a 600cc aluminium foil 'sausage', there is no wastage associated with the use of **SikaBond®-T52**. The pre-cut slots in the **Sika® Silent Layer Mat** regulates the consumption of **SikaBond®-T52**. Cutting a 'V' shape into the nozzle to provide a triangular strip 10mm x 8mm when extruded controls the amount of **SikaBond®-T52** to approximately 400cc per M<sup>2</sup> dependent upon substrate profile.



# Sika® Moisture Barrier Systems

- ▲ Acts as surface mounted D.P.M
- ▲ Totally impermeable
- ▲ Allows fast track installation of timber floors
- ▲ Solvent free
- ▲ Quick and easy to apply
- ▲ Suitable for all floor finishes

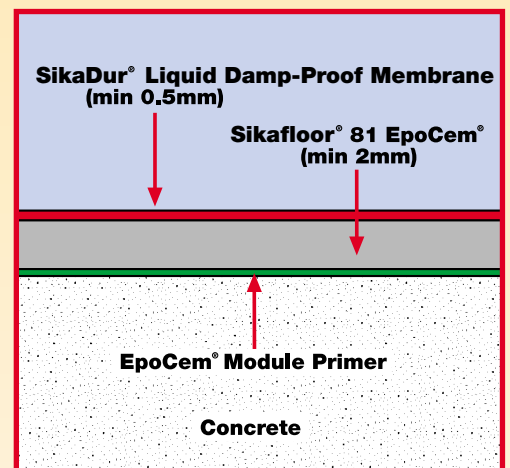


As wood floor finishes are sensitive to moisture, care must always be taken to protect the installation from moisture or water vapour from the ground. The golden rule is to check moisture content of a sub floor before applying the finish, particularly in older properties without a damp proof membrane, or newly built houses where drying out is still taking place.

- ▲ **Sika® Moisture Barrier Systems** provide complete protection against ingress of moisture from the ground. They comprise **SikaDur® Liquid Applied Surface Damp-Proof Membrane**, a cold cured solvent free epoxy resin sealer, and **Sikafloor® EpoCem** epoxy – cement levelling compound.
- ▲ **Sikafloor® 81 EpoCem®** provides a permanent levelling layer and temporary moisture barrier which reduces substrate moisture to 4% within 24 hours. This allows the application of **SikaDur® Surface Damp-Proof Membrane** to produce a moisture and vapour impermeable barrier.
- ▲ On new concrete's or screeds, where the moisture content is high, dramatic reduction in waiting time for the installation of the timber flooring can be achieved by the use of **Sikafloor® 81 EpoCem® Moisture Barrier Systems**.

Where existing substrate moisture content is up to 4% **SikaDur® Liquid Damp Proof Membrane** may be utilised directly onto the prepared surface to provide an external damp proof membrane.

- ▲ **SikaDur® Liquid Damp Proof Membrane** can also be used to stabilise loose, dusty or friable surfaces thus providing the correct environment for bonding, or as an isolation membrane over asphalt screeds.





Your local **SikaBond® Systems** supplier:



**Construction**

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.



INVESTOR IN PEOPLE

Environmental



Protection

Quality



Production

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For more information on Sika visit [www.barbourproductsearch.info](http://www.barbourproductsearch.info)

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