

Construction



# Sika<sup>®</sup> AcouBond-System

The elastic Bonding System for quiet Wood Floors



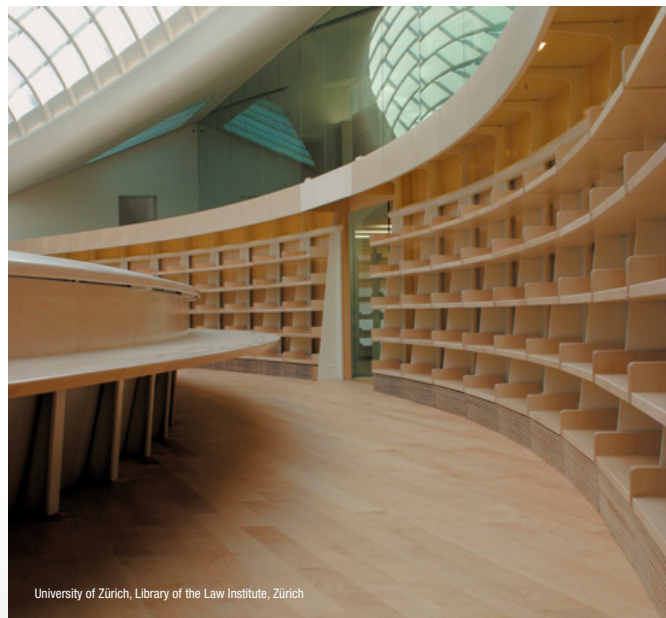
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# Optimum Combination of Walking Noise and Sound Reduction for solid and 3-ply engineered Wood Floors

The highly advantageous and efficient system for new installation and refurbishment of wood floors in residential buildings.

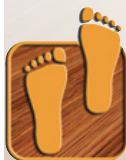
Walking on floating solid wood, and 3-ply engineered wood floors, generates a hollow sound that can have an offensive resonance. Sika has developed a system for the elastic bonding of wood floors in order to prevent this problem. With this bonding system using a pre-cut polyethylene foam mat, the advantages of full surface bonding and floating installations can be combined to give the optimum solution.



University of Zürich, Library of the Law Institute, Zürich



## Maximum Advantages



### Walking Comfort

The elastic **Sika® AcouBond-System** slightly yields at every footfall strain and dampens every step, and therefore it is kinder to your joints and musculature.



### High Impact Noise Reduction

The pre-cut PE-mat and the elastic adhesive dampen walking sounds tremendously. The **Sika® AcouBond-System** achieves a reduction of impact noise of up to 16 dB.



### Reduced Sound Radiation (airborne)

The 3 mm thick PE-mat ensures an optimal adhesive thickness and fills the hollow space between wood floor and substrate. Compared with a conventional floating installation, the **Sika® AcouBond-System** reduces sound radiation by up to **10 dB**, which means halving of the audibility level to the human ear.

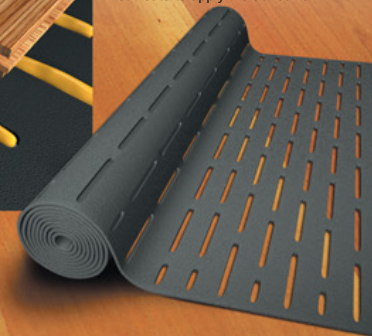
The Sika® AcouBond-System makes Floors especially resistant and durable thanks to the uniform Distribution of Stress.



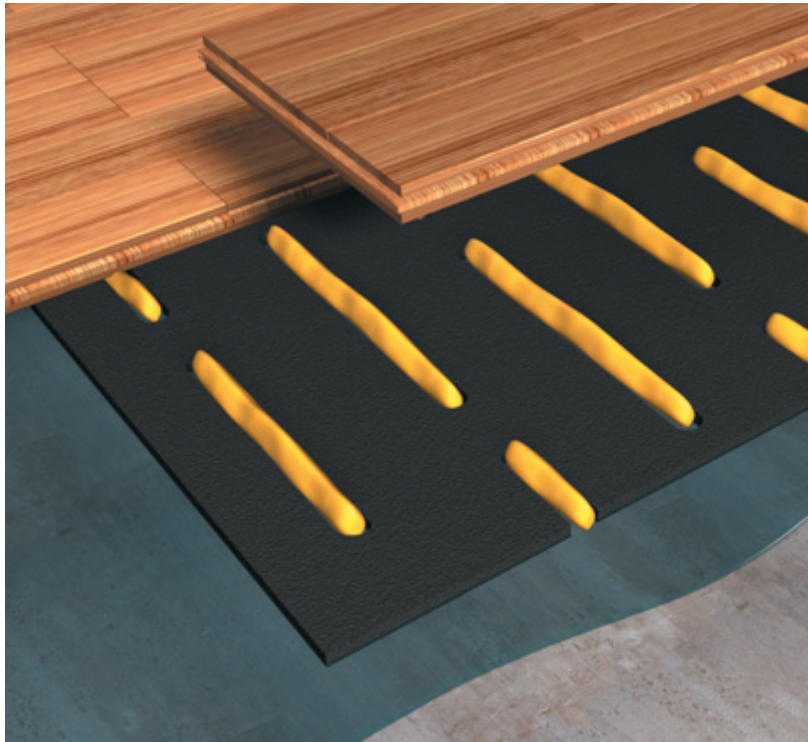
### The System consists of

**SikaLayer®-03** and **SikaLayer®-05** high-quality PE-foam mats, 3 mm and 5 mm thick, with symmetrically placed cut-outs to apply the adhesive

**SikaBond®-T52** (solvent-free) or **SikaBond®-T53** (fast curing) and **SikaBond®-T62** (solvent-free MS) elastic, sound-dampening, 1-part adhesives



# Bonding Systems with a Moisture Regulator



With the moisture regulator and Primer **Sika® Primer MB** and the Sika wood floor bonding systems, you can make up for delays and eliminate the normal 4 to 6 weeks waiting time.

**Move in on the date agreed without risk of further delay.**



## Also available from Sika



**Sika Services AG**  
Corporate Construction  
CH-8048 Zürich  
Switzerland  
Phone +41 44 436 40 40  
Fax +41 44 436 46 86  
www.sika.com

Your local Sika Company

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