





**The system components**

**Sika®Layer-03/-05** high quality polyethylene foam mats with cutouts to insert adhesive to achieve a high sound dampening effect.



Sika®Layer-Mats					
	Density kg/m <sup>3</sup>	Thickness mm	Width m	Length m	Roll m <sup>2</sup>
<b>Sika®Layer-03</b>	~ 80	3	1.5	16.7	25
<b>Sika®Layer-03</b>	~ 80	3	1	12.5	12.5
<b>Sika®Layer-05</b>	~ 80	5	1.5	13.3	20

Sika Adhesive	Description	Colour	Consumption
 600 ml sausage, 1800 ml sausage	1-component, solventfree, elastic adhesive based on polyurethane. With fast curing properties odourless EC-1	Parquet brown	400–500 ml/m <sup>2</sup>
 300 ml sausage, 600 ml sausage, 1800 ml sausage	1-component, elastic adhesive based on polyurethane fast curing	Parquet brown	400–500 ml/m <sup>2</sup>
 600 ml sausage, 1800 ml sausage	1-component, solventfree, elastic adhesive based on Silane Terminated Polymers for wood floor bonding	Beige	400–500 ml/m <sup>2</sup>



\* Is applied with application gun

**Also available in a convenient kit**



System selling:  
**1 Sika®Layer-03**  
 (for 12.5 m<sup>2</sup>) + one special box of **SikaBond®-T52FC** or **SikaBond®-T53**  
 + one application gun = 12.5 m<sup>2</sup> of laid wood floor

# Know-how from Site to Shelf



Sika – Specialized Trade Partner

All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned.



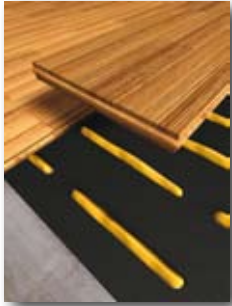
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## For high Reduction of Impact and Ambient noise



## Sika® AcouBond-System



**The wood floor bonding system where high reduction of impact and ambient noise is required**

Simple, fast and easy to install – like a stencil

- For internal use in residential, office, industrial buildings, sales-and showrooms etc.
- Ideal for renovations without removing the old floor
- High reduction of impact and ambient noise  
Impact sound reduction up to 18 dB (DIN 52 210)  
Reduced walking sound
- For bonding of solid wood boards, 3-ply engineered wood
- Suitable for all type of wood - including problematic woods like beech and bamboo
- Improves the walking comfort
- Long life expectancy
- High yield

- ✓ Simple, fast and easy to install
- ✓ Reduces stress on the substrate: the elastic, material-compatible adhesive reduces transverse stress between the wood floor and the substrate
- ✓ Low adhesive consumption
- ✓ The thickness of the system helps to compensate surface irregularities
- ✓ Can be walked on during installation



## Sika® AcouBond-System Application



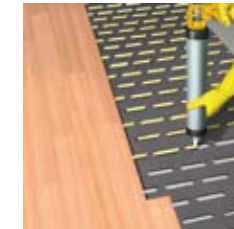
Place the opened sausage or cartridge of SikaBond-Adhesive together with a cutted nozzle in the application gun.



Place the SikaLayer Mat approx. 25 mm from the wall.



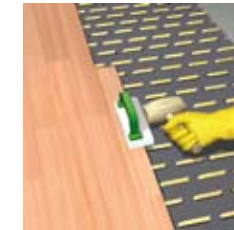
Roll out the SikaLayer Mat parallel to the laying direction of the wood.



Gun-apply the adhesive into all the cut-outs. Apply an additional bead of adhesive in the space between two Sika Layers mats (approx 2.3 cm) and also everywhere the mat meets the wall. Application of the adhesive should be done at 90 degrees to floor.



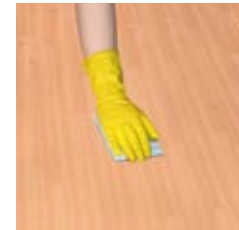
Press the wood pieces firmly into the adhesive. Be aware of the open time.



The wood should be firmly butted together with a hammer using an impact block. A gap of 10 - 15 mm between wood and wall has to be observed.



Additional straps and weights to hold the wood in place until the adhesive is fully cured might be required (especially for solid wood).



Fresh, uncured adhesive remaining on the wood floor surface (and the tools or hands) must be removed immediately with a clean cloth or with Sika TopClean-T.



After a minimum of 24 - 36 hours waiting time the wood can be grounded and finished as required.