

**Technical Data Sheet**  
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**Sikabond® NV**

## SikaBond® NV

### PVA Bonding Agent

<b>Description</b>	A polyvinyl acetate emulsion bonding agent It is added to cement to increase the bond strength between old and new concrete. SIKABOND NV is compatible with all types of Portland cement including Sulphate Resisting cement, high alumina cement and gypsum plaster.
<b>Uses</b>	As bonding agent for concrete, mortars, ceramic tiles, wood and insulation boards Suitable for use in concrete repair
<b>Advantages</b>	<ul style="list-style-type: none"> <li>■ Increased adhesive – cementitious mixes.</li> <li>■ Better workability.</li> <li>■ Easy to dilute.</li> <li>■ Improves plasticity.</li> <li>■ Reduces porosity and cracking.</li> </ul>
<b>Dosage</b>	Added to the mixing water within the range 1 : 1 – 1 : 3 (depending on type of application)
<b>Instruction for Use</b>	
<b>Surface Preparation</b>	The substrate must be sound, clean and free of dust and loose particles. All cement laitance, oil, grease, dirt, etc., must be removed by using wire brush or other method
<b>Application</b>	<p><b>Bonding of new concrete to old concrete</b> All the old concrete surfaces should be saturated with water Apply bonding coat by mixing cement with SIKABOND NV : water = 1 : 1 to a slurry consistency Then the lay the new concrete while the bonding is still tacky</p> <p><b>As a plaster bonding agent and cement rendering.</b> Seal the surface and prime with slurry of SIKABOND NV : water = 1:1 add with cement. Then plaster or render while the bonding is still tacky</p> <p><b>Suggested mixes :</b>  <b>Rendering for rough coat (thickness 10-30 mm)</b>            Mix cement : clean sand = 1 : 3, gauged to a stiff consistency with SIKABOND NV : water = 1 : 3</p> <p><b>Rendering for finishing coat (thickness 0-2 mm)</b>            Mix cement with SIKABOND NV : water = 1 : 1, to a trowellable consistency</p> <p><b>As a bonding agent for ceramic tile, mosaic</b></p> <ul style="list-style-type: none"> <li>■ Dampen the substrate as well as the tiles</li> <li>■ Apply a bonding slurry with a solution of SIKABOND NV : cement = 1:1 to the damp substrate and to the back of tiles and allow to become tacky, then plaster the tile with mortar in required thickness and firmly press to the floor or wall to ensure full contact.</li> </ul>
<b>Limitations</b>	Do not use SIKABOND NV as bonding coat without adding cement. Do not use SIKABOND NV in the structure that permanently in wet condition e.g. swimming pool. In this case use Sika Latex or Sika Top 77 D instead



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## Technical Data

Type	Polyvinyl Acetate Emulsion
Colour	White
Specific Gravity	Approx 1.0 kg / ltr
Shelf life	Minimum 1 year if stored in original unopened container
Storage	Dry, cool, shaded place
Packaging	10 kg can 200 kg drum

Handling Precautions	<ul style="list-style-type: none"> <li>■ Avoid contact with skin and eyes</li> <li>■ Wear protective gloves and eye protection during work</li> <li>■ If skin contact occurs, wash skin thoroughly</li> <li>■ If in eyes, hold eyes open, flood with warm water and seek medical attention without delay</li> </ul>
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## Legal Notes

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