

# SikaBond® Crete

High Performance PVA adhesive

<b>Description</b>	SikaBond® Crete is a high performance polyvinyl acetate (PVA) adhesive which when cured provides strong bonds in general applications. It is also suitable for use as a cement additive.
<b>Uses</b>	For use as a plaster bonding agent, cement admixture, renders, patches and topping surface primer, dust proofer & sealer for concrete floors, carpentry adhesive.
<b>Advantages</b>	Multipurpose applications – primer, bonding, sealing agent & adhesive
<b>Storage and Shelf life</b>	Product should be stored in the original container out of direct sunlight between 5°C and 30°C and protected from freezing.  For best performance use product within 12 months.
<b>Instructions for Use</b>	
<b>Mixing</b>	Ready to use. Stir thoroughly before use.
<b>Surface Preparation</b>	All surfaces must be free from all delaminated, weak, damaged and deteriorated material, dust, grease, curing compounds, old paint, Efflorescence and other surface contaminants. Ensure SikaBond® Crete is well mixed prior to application.

Construction



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## Applications

SikaBond® Crete when used as a timber adhesive, it is designed to be used as supplied - dilution is not recommended.

When used as a cement and concrete additive, it can be diluted.

### Plaster Bonding Agent

- Dilute 1 part SikaBond® Crete: 4 parts water, apply as a sealing coat and allow to dry.
- Dilute 1 part SikaBond® Crete: 1 part water, apply as a bonding bridge and apply plaster top coat whilst still tacky.
- Plaster to be mixed with 1 part SikaBond® Crete: 4 parts water.

### Cement-based mortars Admixture

- Adding SikaBond® Crete to concrete, cement renders, mortars and plasters will improve workability, bond performance and final strength of the material.
- Dilute 1 part SikaBond® Crete: 10 parts water.
- As a guide, 1lt of SikaBond® Crete and 10lts of water is usually sufficient for the mixing of a 20kg bag of cement.

### Renders, Patches & Toppings

- Dilute 1 part SikaBond® Crete: 4 parts water, apply as a sealer coat, allow to dry.
- Dilute 4 parts SikaBond® Crete: 1 part water, apply to produce a bonding bridge.
- Bonding bridge layer must still be sticky when top coat is applied.
- Add SikaBond® Crete diluted to 1 part SikaBond® Crete: 10 parts water to the topping, in place of just water.

### Surface Primer & Sealer For Walls

- SikaBond® Crete delivers excellent performance as a surface preparation prior to the application of acrylic paints, providing effective surface binding and a sound key.
- Dilute 1 part SikaBond® Crete: 4 parts water and apply to substrate surface.
- Allow to dry for 24 hours before painting
- Not to be over painted with oil based paints.

### Dust Proofer & Sealer For Concrete Floors

- SikaBond® Crete provides excellent penetration and sealing of internal concrete floors to resist oil penetration.
- First Coat Dilute 1 part SikaBond® Crete to 6 parts water and apply to substrate by roller or brush scrubbing.
- Allow to dry for 12 hours before second application
- Second coat Dilute 1 part SikaBond® Crete to 4 parts water and apply as per first coat.

### Carpentry Adhesive

- SikaBond® Crete provides excellent adhesion for bonding of most materials in joinery, carpentry and wood craft applications.
- Use SikaBond® Crete in an undiluted form.
- Apply to one bond surface only and press firmly together lightly pinning or clamping in place until cured, approx. 10 -12 hours.

*Warning:* SikaBond® Crete should not be used if final floor finish is intended to be an oil, epoxy or solvent based paint or coating. Contact Sika Technical Sales services for further information

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## Cleaning

Clean up adhesive while wet with warm water.

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## Technical and Physical Data

<b>Appearance</b>	White Creamy liquid
<b>Viscosity</b>	4500 – 5500 cPs
<b>Total Solids Content</b>	44 – 46%
<b>Specific Gravity</b>	Approx. 1.06 g/ml
<b>pH</b>	3-5
<b>Application Temperature</b>	10°C – 35°C
<b>Packaging</b>	1L, 5L & 15L pail

<b>Important note</b>	<ul style="list-style-type: none"> <li>▪ Do not use below 10°C</li> <li>▪ SikaBond® Crete is now recommended for bonding of plastic and rubber.</li> </ul>
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<b>Handling Precautions</b>	<ul style="list-style-type: none"> <li>▪ This material is non-hazardous.</li> <li>▪ A full Safety Data Sheet is available from Sika on request.</li> </ul>
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<b>Important Notification</b>	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p>
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PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.



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