

Sika Primer[®]-156

Solvent-free Primer and Moisture Barrier for Timber Flooring (Provisional Data Sheet)

Construction

Description	Sika Primer-156 is a solvent free 2-component epoxy-based primer of low viscosity, used with Sika timber flooring system. It also acts as a water vapour and moisture barrier.
Uses	As a moisture barrier and primer coat before the application of Sika timber flooring adhesives. Sika Primer-156 can be applied to: <ul style="list-style-type: none"> ▪ Concrete, Mortar, stone. ▪ Concrete renderings. ▪ Timber.
Advantages	<ul style="list-style-type: none"> ▪ Suitable for use on dry and damp substrates. ▪ Solvent free and less odour. ▪ Excellent penetration on cement based substrates. ▪ Can be applied by brush or roller. ▪ Available in bulk quantities. ▪ Good mechanical and chemical resistance. ▪ Economical. ▪ Short waiting times before subsequent coatings.
Shelf life	Sika Primer-156 stored in the original unopened containers within the range of +5°C and +35°C will keep for 12 months.
Instructions for Use	
Surface Preparation	<p>Surface must be clean and free from all traces of loose material, old coatings, curing membranes, release agents, laitance, oil and grease etc. Substrate compressive strength should be at least 25 MPa, the Cohesive bond strength at least 1.5 MPa. Structurally unsound layers and surface contaminants must be mechanically removed by abrasive blasting, blast-tracking or grinding.</p> <p>The moisture content should be measured in accordance with the Floor Covering Standard, AS1884-1985. A method of testing concrete moisture is given in the appendix of this standard.</p> <p>When moisture content of the concrete is between 5.5 and 10%, Sika Primer 156 must be used as a primer before applying SikaBond-T55(J). When moisture content of the concrete is greater than 10%, EpoCem (Sikafloor-81 or Sikagard-720) should be used as a temporary moisture barrier. Sika Primer-156 should then be used as a prime coat before applying SikaBond-T55(J). When priming with Sika Primer-156, a continuous visible film of cured epoxy must be observed on the surface. The application rate will depend on the porosity of the substrate.</p>
Mixing	Mix component A and B in the correct ratio until a completely homogenous consistency is obtained. Do not make up more material than can be comfortably applied within the potlife.
Application	<p>Apply with brush or roller to achieve a continuous and even coverage. On damp surfaces work the material well into the substrate with a stiff brush.</p> <p>Ensure priming / sealing coats are kept clean and free from dust, water, and condensation. Prior to subsequent application of SikaBond-T55(J). In cases of extended waiting period (in excess of 24 hours at 20°C) it is advisable to lightly abrade and solvent wipe the surface of the cured Sika Primer-156 prior to application to provide optimum bond.</p>

Cleaning	Clean all tools and equipment immediately after use with Sika Thinner C. Once hardened, the material can only be removed mechanically. Wash soiled hands and skin thoroughly in hot soapy water.
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Technical Data

Form	Low viscosity liquid			
Density	1.1 kg/l approx.			
Consumption Coverage	Depends on porosity and surface texture of the substrate.			
Mix Ratio	Part A :Part B = By mass 3:1 By volume 2.7:1			
Adhesion to concrete (7 days @ 20°C)	>3.5MPa approx. (Substrate failure)			
Application temperature	+5°C minimum, +30°C maximum Relative humidity 80% maximum			
Rate of Reaction	10°C	20°C	30°C	
	Potlife	60 mins	30 mins	15 mins
	Fully cured	10 days	7 days	5 days
Application of adhesive	10°C	20°C	30°C	
	Minimum	24 hours	8 hours	5 hours
	Maximum	4 days	2 days	24 hours
Packaging	Preportioned 16 kg kit: Part A: 12 kg and Part B: 4 kg			

Important Notes	<ul style="list-style-type: none"> For optimum penetration and adhesion substrate should be dry. Timber floor system should be allowed to acclimatise to the environment it is to be placed in to allow for expansion and shrinkage problems that may occur. Refer to the timber manufacturers installation and design procedures.
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Handling Precautions	<ul style="list-style-type: none"> Avoid contact with skin. Wear protective gloves and eye protection during work. A full Material Safety Data Sheet is available from Sika on request.
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Important Notification	<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 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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