

Sikagard® PU (UR)

UV resistant protective coating based on PU resin

Product Description	Sikagard® PU (UR) is a 2 component PU resin based protective coating. It is colour stable and UV resistant and is available in gloss finish.
Uses	Sikagard® PU (UR) is recommended for wall coating on the following to protect against aggressive atmosphere. <ul style="list-style-type: none"> ■ Concrete ■ Rendering ■ Stone ■ Asbestos cement ■ Steel ■ Iron, etc.
Characteristics / Advantages	Sikagard® PU (UR) will bring in the following advantages when applied properly : <ul style="list-style-type: none"> ■ Corrosion resistant ■ Resistant to saline and chemical action ■ Weather proof ■ UV resistant ■ Colour stable ■ Easy to apply
Product Data	
Form	
Appearance / Colours	Part A : Coloured liquid Part B : Brownish liquid Colour : As per the standard RAL colours
Packaging	4kg (A+B) Prebatched units Part A: 3.50 kg plastic container Part B: 0.50 kg plastic container
Workable life at 30°C, minutes	~30 minutes
Storage	
Storage Conditions / Shelf-Life	6 months from date of production if stored properly in undamaged and unopened original sealed packaging in cool and dry conditions. Protect from direct sunlight and frost.
Technical Data	
Chemical base	Polyurethane Resin
Mixed density	~1.35 kg/l at 27°C



Solid Content	~84% by weight ~77% by volume	
Mechanical / Physical Properties		
Bond strength on concrete	>1.5 N/mm ²	(According to ISO 4624)
System Information		
Application Details		
Coverage	~0.15 kg per m ² per coat depending on porosity of substrate.	
Substrate Quality	All surfaces should be free from loose particles, oil, grease, etc. The substrate should be structurally sound and dry.	
Substrate Preparation	Water cleaning is not permissible. For proper bond roughen the surface by sand paper. Clean the dust generated by this process before applying the material. Use Icosit Primer PU before application of Sikagard®PU (UR)	
Substrate Température	+10°C min. / +40°C max.	
Application Instructions		
Mixing	Part A : Part B =7 : 1 (by weight)	
Mixing Time	Sikagard® PU (UR) is supplied in two parts. Mix Component A & B for 3 minutes. Mix in such a way that the material becomes homogeneous without generating air bubbles.	
Application Method / Tools	After mixing apply by roller or brush on the prepared surface. The application should be done by trained applicators. Before application clean the roller brush from loose fibers by rolling on an adhesive tape.	
Cleaning of Tools	Clean all tools and application equipment with Sika® Colma Cleaner immediately after use. Hardened / cured material can only be removed mechanically.	
Waiting Time / Over coating at 30°C	6 hours at r.h 75%	
Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.	
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.	
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika 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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.	

