BUILDING TRUST

PRODUCT DATA SHEET

Sika® Ucrete® P 460

Polyurethane primer for Sika® Ucrete® CR460

PRODUCT DESCRIPTION

Sika® Ucrete® P 460 is a two-part polyurethane primer used to prime porous and non-porous substrates before the application of Sika® Ucrete® CR 460.

USES

Sika® Ucrete® P 460 is used as a primer for:
- Improving adhesion to concrete, Sika® Ucrete® floors, steel and iron
- Reducing pinholes in Sika® Ucrete® CR 460

Please note:
- The Product may only be used by experienced professionals.
- The Product may be used for interior and exterior applications.

CHARACTERISTICS / ADVANTAGES

- Fast curing
- Good adhesion to many construction materials
- Low consumption yet high coverage
- Low odour
- Low VOC emissions
- Easy application

APPROVALS / STANDARDS

- Food and Beverage Facilities Suitability, Sika® Ucrete®, HACCP, Test Report No. I-PE-769-SA-2-RG-06b
- Halal Certification Europe (HCE), Sika® Ucrete®, WHFC, Certificate No. 21453-2/1/1/Y1

PRODUCT INFORMATION

Chemical Base	Polyurethane	
Packaging	Container Part A	0.474 kg
	Container Part B	0.178 kg
	Container Part A + Part B	0.652 kg
	Refer to the current price list for available packaging variations.	
Colour	Ambre liquid	
Shelf Life	12 months from date of production	
Storage Conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	

APPLICATION INFORMATION

Consumption	50–80 m of joint per unit	
Product Temperature	Maximum	+40 °C
	Minimum	+5 °C
Ambient Air Temperature	Maximum	+40 °C
	Minimum	+5 °C
Substrate Temperature	Maximum	+40 °C
	Minimum	+5 °C
Waiting Time / Overcoating	Before applying Sika® Ucrete® CR 460 to Sika® Ucrete® P 460 allow the following time:	
	Minimum	30 minutes
	Maximum	2 hours
	Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.	

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.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

IMPORTANT
Poor adhesion due to incorrect priming procedure
Incorrectly defined or uncontrolled priming procedures may lead to a variation in Product performance.
1. Test adhesion on project-specific substrates and agree on procedures with all parties before full project application. For more information contact Sika Technical Services.

Poor adhesion due to inadequate surface preparation
Note: Primers are adhesion promoters. Primers cannot replace proper surface preparation and surface cleaning.
1. Do not use primers for improving poorly prepared or poorly cleaned joint surfaces.

The substrate must be sound, clean, dry and free of contaminants such as dirt, oil, grease, cement laitance, sealant residues and poorly bonded coatings which could affect adhesion of the primer and sealant.
The substrate must be of sufficient strength to withstand the stress induced by the sealant during movement.
1. Use techniques such as wire brushing, grinding, grit blasting or other suitable mechanical methods to remove all weak substrate material.
2. Repair all damaged joint edges with suitable Sika repair products.
3. Remove dust, loose and friable material from all surfaces before applying the sealant.

Use the following priming or pre-treatment procedures to ensure optimum adhesion and joint durability, or if the Product is used for high-performance applications such as joints on multi-storey buildings, highly stressed joints, or joints exposed to extreme weather.

MIXING

1. Using a slow speed stirrer, mix the content of the Part A pail for 30 seconds to disperse any separated material.
2. Add the content of the Part B.
3. IMPORTANT Do not mix excessively to minimise air entrainment. Mix the two parts for a further 1–2 minutes.
4. Ensure that no undispersed Part A is left on the side of the pail.

APPLICATION

IMPORTANT
Strictly follow installation procedures
Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.
1. After the required substrate preparation, insert a backing rod to the required depth.
2. Apply Sika® Ucrete® P 460 to the substrate using a brush. A thin layer (± 100 µm) should be applied to the joint edges.
3. While the Sika® Ucrete® P 460 is still tacky (30 minutes to 2 hours, depending on the temperature), pour in the mixed Sika® Ucrete® CR 460 to fill the joint flush to the surface. can be applied on angled surfaces up to 2 % without slumping.
4. Refer to the Product Data Sheet of Sika® Ucrete® CR 460 for joint sealant application.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with Sika® Remover-208 or Sika® Cleaning Wipes-100. Once cured, hardened material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.

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