

PRODUCT DATA SHEET

Sika® Ucrete® P 460

Polyurethane primer for Sika® Ucrete® CR 460

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.

FEATURES

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

CERTIFICATES AND TEST REPORTS

- 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

Composition	Polyurethane	
Packaging	Part A	0.474 kg
	Part B	0.178 kg
	Part A + B	0.652 kg
Colour	Ambre	
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	
Material 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 to 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.		

BASIS OF PRODUCT DATA

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing 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 ($\pm 100 \mu\text{m}$) 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 EQUIPMENT

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

LOCAL RESTRICTIONS

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

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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