

## PRODUCT DATA SHEET

# Sika® Ucrete® BCR

Heavy-duty basecoat for Sika® Ucrete® DP-R and Sika® Ucrete® CS-R systems

### PRODUCT DESCRIPTION

Sika® Ucrete® BCR is a coloured, flow-applied mortar for surface refurbishment. It can be used on all existing Sika® Ucrete® flooring systems. It is fully blinded by aggregate as part of the Sika® Ucrete® DP-R and Sika® Ucrete® CS-R flooring systems.

### USES

Sika® Ucrete® BCR may only be used by experienced professionals.

Sika® Ucrete® BCR is used as a refurbishment basecoat Sika® Ucrete® flooring systems.

Please note:

- The Product may only be used by experienced professionals.

### CHARACTERISTICS / ADVANTAGES

- Expert installation by fully trained and licensed applicators
- Refurbishes and enhances slip resistance and aesthetics of existing Sika® Ucrete® flooring
- Suitable for application to any existing Sika® Ucrete® flooring grade with minimal additional thickness
- Maintains the physical performance of existing floors without compromise
- Pigmented to match the colour of the following encapsulation coat

### APPROVALS / STANDARDS

- Halal Certification Europe (HCE), Sika® Ucrete®, WHFC, Certificate No. 21453-2/1/1/Y1
- Food and Beverage Facilities Suitability, Sika® Ucrete®, HACCP, Test Report No. I-PE-769-SA-2-RG-06b
- Indoor Air Comfort Gold EN 16516, Sika® Ucrete®, eurofins, Certificate No. IACG-321-01-01-2023

### PRODUCT INFORMATION

<b>Chemical Base</b>	Water-based polyurethane cement hybrid
<b>Packaging</b>	12.88 kg Refer to the current price list for available packaging variations.
<b>Shelf Life</b>	Always refer to the best-before date of the individual packaging.
<b>Storage Conditions</b>	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.

### TECHNICAL INFORMATION

<b>Tensile adhesion strength</b>	> 2.0 N/mm <sup>2</sup> (concrete failure)	(EN 1542)
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## APPLICATION INFORMATION

<b>Consumption</b>	2.0-3.0 kg/m <sup>2</sup>	
<b>Product Temperature</b>	Maximum	+25 °C
	Minimum	+15 °C
<b>Ambient Air Temperature</b>	Maximum	+25 °C
	Minimum	+15 °C
<b>Dew Point</b>	Beware of condensation. The substrate and uncured applied product must be at least +3 °C above the dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming.	
<b>Substrate Temperature</b>	Maximum	+25 °C
	Minimum	+12 °C
<b>Waiting Time / Overcoating</b>	<b>Substrate temperature</b>	<b>Waiting time</b>
	+12 °C	16 hours
	+15 °C	4 hours (with Sika® Ucrete® Accelerator)

Note: Times are approximate and will be affected by changing ambient and substrate conditions.

## 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.

### Regulation (EC) No 1907/2006 (REACH) - Mandatory training

As from 24 August 2023 adequate training is required before industrial or professional use of this product. For more information and a link to the training visit [www.sika.com/pu-training](http://www.sika.com/pu-training).



## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

#### IMPORTANT

#### Reduced service life due to incorrect treatment of cracks

The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.

1. For static cracks, ensure the width is suitable for overcoating with Sika® Ucrete® BCR.
2. For dynamic cracks, ensure the movement is within the movement capacity of Sika® Ucrete® BCR.

#### TREATMENT OF JOINTS AND CRACKS

Construction joints and existing static surface cracks in substrate require pre-treating before full layer application. Use Sikadur® or Sikafloor® resins.

Substrates must be clean, dry and free of contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material.

#### MECHANICAL SUBSTRATE PREPARATION

1. Prepare the surface by vacuum shot blasting, concrete surface planer, grit blasting or surface grinding to produce a clean sound substrate with good profile suitable to receive a resin finish.
2. Before applying the Product, remove all dust, loose and friable material from the application surface with an industrial vacuuming equipment.

For additional information on products for leveling and repairing defects, contact Sika® Technical Services.

## SUBSTRATE PREPARATION OF NON-CEMENTITIOUS SUBSTRATES

For information on substrate preparation of non-cementitious substrates, contact Sika® Technical Services.

### APPLICATION

Application must be undertaken by a fully trained and licensed Sika® Ucrete® applicator.

### 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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#### Product Data Sheet

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