

PRODUCT DATA SHEET

SikaCeram[®] Primer ZA

Primer for Tile Adhesives and Grouts

DESCRIPTION

SikaCeram[®] Primer ZA is a latex based liquid primer formulated for enhancing the bond of the tile adhesive to screeds and concrete floors

USES

- Treating cement based substrates where tile adhesives and grouts have to be applied
- Surface treatment for very absorbent cement screeds or plaster finishes prior to the application of cement based adhesives and grouts

CHARACTERISTICS / ADVANTAGES

- Improves bond to poor substrates
- Reduces absorbency
- Easy to use, user friendly application
- Excellent adhesion to cement based surfaces
- Water resistant properties
- Non-toxic
- Non-corrosive

PRODUCT INFORMATION

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|---------------------|---|
| Packaging | 5ltr and 1ltr |
| Appearance / Colour | White liquid |
| Shelf Life | 12 months from date of production |
| Storage Conditions | Undamaged original sealed packaging, in dry cool conditions |
| Density | 1.02kg/ltr |

APPLICATION INFORMATION

| | | |
|--------------|---|-------------------|
| Mixing Ratio | The recommended mix ratio for an optimal SikaCeram bonding slurry | |
| | SikaCeram [®] Primer ZA | 1 Part by weight |
| | SikaCeram [®] tile adhesive | 2 Parts by weight |

If mixing with cement in place of the tile adhesive, Sika suggests that a Portland cement is used

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|--------------------------------|--|
| Consumption | 10 litres of SikaCeram® Primer ZA per 20kg Tile adhesive |
| Ambient Air Temperature | +5 °C min. / +35 °C max. |
| Substrate Temperature | +5 °C min. / +35 °C max. |

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Cementitious substrates must be sufficiently cured and dried (2–6 weeks), All substrates must be structurally sound, able to support the weight of the new tiling and provide a stable and securely fixed background. Surfaces shall be clean, dry, free of any loose or friable particles, contaminants such as dust, dirt, oil, wax, polish grease, cement laitance or efflorescence.
- Depending on the substrate condition and contaminants to be removed from the surface, use adequate preparation techniques to remove all traces of any materials that could reduce the product's adhesion to the substrate. Smooth surfaces should be roughened lightly to improve adhesion. To confirm adequate surface preparation and primer adhesion, carry out a small trial before full application.
- Cracks in substrates must be identified and sealed appropriately e.g. with Sikadur epoxy resins.
- For applications in hot climates / environments, or on absorbent substrates, thoroughly pre-dampen the surface immediately prior to product application. Avoid any ponding / standing water on the surface. Surface must not be damp to touch.
- The substrate moisture content should not be above 5% for tiling to commence.
- All surface beds should have a damp-proof course, however if rising damp is a concern, then Sikafloor-81 EpoCem moisture barrier should be used to ensure that pore pressure is reduced.

Gypsum surfaces: Ensure that the gypsum skimcoat is in good condition and firmly bonded to the substrate. Do not attempt to prime and apply tiles on loose or poorly bonded surfaces. Grease and grime, as well as household soaps and other surface contaminants must be removed completely. Mechanically abrade the surface to achieve a clean, firm substrate.

Mortar screeds and Concrete surfaces: Mechanically abrade to remove all laitents and deleterious materials from the surface, providing an open pore surface on which to bond

Tiled surfaces: Existing tiles must be sound and firmly bonded to the substrate. Any defects should be repaired using Sika range of Monotop and Sikadur mortars. Tile surface should be abraded and thoroughly cleaned, to provide a firm, clean surface on which to bond

MIXING

Measure the required quantity of SikaCeram® Primer ZA into a clean mixing container. Using a suitable mechanical mixer and paddle, add the SikaCeram® tile

adhesive (e.g SikaCeram®-50 Ceramic) to the SikaCeram® Primer ZA. Mix well until a smooth lump-free liquid is obtained. Let the mix stand for 3-5 minutes before stirring again. Use within 60 minutes.

Do not add additional water if slurry starts to lose its workability, but rather make a fresh batch.

APPLICATION

Pre-dampen the substrate and allow to surface dry, before applying the SikaCeram® Primer ZA slurry. Apply the SikaCeram® Primer ZA slurry using a builders block brush, ensuring that the entire surface is fully covered with the priming coat. Using a stippling action, initially work the slurry into the surface, to ensure that all imperfections are filled and wetted out. Do not over apply the slurry, but ensure that it is a thin even coat that covers all areas of the substrate. On poor or porous surfaces, it may be required to apply a second application to ensure a good film coverage of the entire floor surface area.

Allow the SikaCeram® Primer ZA slurry coat to dry for approx. 4-6 hours before applying the tile adhesive, depending on the ambient conditions.

Ensure that gloves and protective glasses are used during mixing and application
Please contact the Sika Technical Department for any additional advice or if you are uncertain of any aspects of the application.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Cured material can only be removed mechanically.

Ensure that gloves and protective eye ware are always used.

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.

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.

ECOLOGY HEALTH AND SAFETY

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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