BUILDING TRUST

PRODUCT DATA SHEET

SikaBond® Waterproof PVA Ultra

Waterproof PVA for interior and exterior use as an adhesive and sealer.

PRODUCT DESCRIPTION

SikaBond® Waterproof PVA Ultra is a waterproof vinyl acetate polymer especially formulated for exterior use as an adhesive and sealer. Suitable for brickwork, mortar, render, screed and plaster. It is easy to use and unlike normal PVA it will not re-emulsify when wet.

USES

- Excellent admixture for renders and for toughening floors and screeds.
- As a primer and sealer before plastering, painting or in tiling applications.
- As a bonding agent for plaster, cement screeds and render to sounds surfaces.
- Suitable for brickwork, mortar, render, screed and plaster.

CHARACTERISTICS / ADVANTAGES

- Waterproof formula.
- Will not re-emulsify when wet.
- Toughens screeds and mortars.
- Internal and External use.

APPROVALS / STANDARDS

Classifed as a D3 bonding agent under EN204.

PRODUCT INFORMATION

Packaging	5 L Jerry Can.
Shelf Life	12 months from date of manufacture when stored according to manufacturer's instructions in original, tightly closed containers.
Storage Conditions	Store in cool, dry conditions. Between +5 and +25 °C. Protect from frost. Storage outside these parameters will dramatically reduce shelf life.
Density	1.0 – 1.2 g/cm3 @ +20 °C
pH-Value	2 - 4
Consumption	High Suction surfaces, diluted 1 part PVA to 0.5 parts water; 1 litre per 12.65 m^2. Low Suction surfaces, diluted 1 part PVA to 0.5 parts water; 1 litre per 8.43 m^2. As a sealer or primer diluted 1 part PVA to 4.9 parts water; 1 litre per 33.73 m^2. Consumption will vary dependent upon surface porosity.
Ambient Air Temperature	Application temperature > +10 °C

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.

LIMITATIONS

- Do not apply below +10 °C.
- Do not apply to surfaces if rain is imminent where wash off may occur.

As the manufacturer cannot know all the uses their products may be put to, it is the user's responsibility to determine suitability of use. If in doubt, please contact Technical Services department for advice.

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 QUALITY / PRE-TREATMENT

Ensure the surface to be treated is sound, clean and free from frost, oils, grease, standing water and cracked or loose and flaking materials. Agitate the bottle of SikaBond® Waterproof PVA Ultra before use. Always mix with clean water.

APPLICATION METHOD / TOOLS

SikaBond® Waterproof PVA Ultra can be applied via brush, roller or directly into a cement mixture. Dilution will depend on surface porosity. Suggested dilution formulas are above. Allow primer to dry before laying bonding coats. For non-absorbent surfaces the sealer coat may be omitted. Apply the cement render/screed/ plaster while the bonding coat is still tacky.

Sealing and Priming:
Apply to the clean surface with 1 part SikaBond® Waterproof PVA Ultra to 5 parts water and allow this to dry.

Bonding Absorbent Surfaces (Concrete or Plaster):
Step 1 - Prime the clean surface with 1 part SikaBond® Waterproof PVA Ultra to 5 parts water and allow this to dry.

Step 2 - Once primer is dry, apply bonding coat of 1 part SikaBond® Waterproof PVA Ultra and 0.5 parts water; while the bonding coat is still tacky then apply plaster / screed.

Sealing Non-absorbent surfaces (Paint or Tiles):
Repeat Step 1 above.

Applying Internal Patching Mortars and Screeds:
Always apply cement renders, screeds or plaster whilst the bonding coat is still tacky. If dry re-apply.
For bonding new screeds to old, prime clean surface with 1 part SikaBond® Waterproof PVA Ultra diluted with 5 parts water and allow to dry. Follow step 1 and 2 under bonding absorbent surfaces above. Bond new material with 1 part SikaBond® Waterproof PVA Ultra diluted with 3 parts water, and allow to dry.

As a cement admixture:
Add 10 to 15 litres SikaBond® Waterproof PVA Ultra to 50 kg cement.

CLEANING OF TOOLS

Clean all tools and any excess SikaBond® Waterproof PVA Ultra with cold, clean water immediately after use.

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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