

PRODUCT DATA SHEET

Sika® Primer-11 W+

Universal substrate primer for tile adhesives or levelling compounds

DESCRIPTION

Sika® Primer-11 W+ is a synthetic resin primer applied before using tile adhesives, waterproofing mortars and/or self-levelling compounds on indoor floors or walls to primarily reduce substrate absorbency and improve adhesion.

USES

- Reduce substrate absorbency
- Improve substrate adhesion
- Protect substrate from moisture entering from tile adhesive, waterproofing mortar or self-levelling compounds

CHARACTERISTICS / ADVANTAGES

- Ready to use
- Can be diluted with water
- Easy to apply
- High coverage
- Short waiting time
- Indoor use
- Suitable for heated floors (Water and electric systems)
- Very low emissions

ENVIRONMENTAL INFORMATION

VOC emission classification GEV – Emicode EC1^{PLUS}

PRODUCT INFORMATION

Chemical Base	Synthetic resin
Packaging	5 kg container
Appearance / Colour	Blue
Shelf Life	12 months from date of production
Storage Conditions	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 packaging.
Density	1,0 kg/L

APPLICATION INFORMATION

Mixing Ratio	Substrate	Dilution
	Normal absorbent substrate (cementitious screed, concrete)	1 kg Sika® Primer-11 W+ : 3 L water
	Calcium sulphate substrate (calcium sulfate screed, gypsum plaster)	1 kg Sika® Primer-11 W+ : 1 L water
	Low absorbent substrate (chipboard, wooden substrate)	undiluted

Consumption	40-100 g/m ² depending on substrate absorbency, application equipment and mixing ratio. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc	
Ambient Air Temperature	+5 °C min. / +30 °C max.	
Substrate Temperature	+5 °C min. / +30 °C max.	
Substrates	<ul style="list-style-type: none"> ▪ Concrete ▪ Cement screed ▪ Calcium sulfate based screed ▪ Gypsum boards ▪ Gypsum plaster ▪ Wood 	
Waiting Time / Overcoating	Before applying tile adhesive or self-levelling compound to Sika® Primer-11 W+ :	
	Substrate	Waiting time
	Cementitious substrate (cementitious screed, concrete)	~10 minutes
	Wooden substrate and chipboard	~2 hours
	Low absorbent substrate (old water resistant adhesive)	~12 hours
	Calcium sulphate substrate (moisture proof)	~24 hours

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.

LIMITATIONS

- Do not apply on metal, vinyl or ceramic surfaces.
- Do not apply outdoors.
- Do not add anything to the product that is not specified in this Product Data Sheet.
- Do not use for any applications not explicitly described in this Product Data Sheet.

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 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, primer compatibility and adhesion, carry out a small trial before full application.

MIXING

Shake or stir Sika® Primer-11 W+ in product container before use.

APPLICATION

Pour mixed diluted or undiluted primer onto the prepared substrate and apply by brush, roller or squeegee. Ensure a continuous, pore free coat covers the substrate. Avoid excessive primer consumption and the formation of puddles. Remove excess primer before applying tile adhesive or self-levelling compound

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured 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. 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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