

PRODUCT DATA SHEET

SikaBond®-202 Hard Set Vinyl Adhesive

A low VOC, hard set adhesive designed for domestic and commercial use

DESCRIPTION

SikaBond®-202 Hard Set Vinyl Adhesive is a full cure hard set adhesive with Low VOC emission.

USES

SikaBond®-202 Hard Set Vinyl Adhesive is perfect for
PVC plank Luxury vinyl tiles / plank
PVC Tile Sheet vinyl floor coverings

CHARACTERISTICS / ADVANTAGES

- Low VOC
- No residual tack once dried
- High bond strength
- Very high cohesive strength
- Wet phase bonding LVP

PRODUCT INFORMATION

Composition	1-component dispersion
Packaging	15lt pail
Shelf life	SikaBond®-202 Hard Set Vinyl Adhesive has a shelf life of 12 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	SikaBond®-202 Hard Set Vinyl Adhesiveshall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Colour	Cream
Density	~1.2kg/lt
Consistency	Thick paste

APPLICATION INFORMATION

Consumption	Smooth back LVT & LVP	Trowel V1	~5m ² /litre
	Highly textured back LVT & LVP	Trowel V2	~3m ² /litre
Ambient air temperature	+15 °C to +35 °C		
Relative air humidity	40 % to 65 %		
Substrate temperature	During laying and until SikaBond®-202 Hard Set Vinyl Adhesive has fully cured, the substrate and ambient temperatures shall be between +15 °C and +35 °C. Where underfloor heating units are installed, the heating units shall be turned on prior to laying the floor covering for a minimum of 7 days to ensure that the moisture condition of the heated subfloor will permit successful laying of the coverings. Heating units shall be turned off 48 hours prior to the commencement of installation. The heating units shall not be turned on again until 48 hours after the laying is completed.		
Substrate moisture content	Moisture content requirement: 85% RH (in-situ probe method: ASTM F2170) or 15 g/m ² per 24 hrs (moisture vapour emission rate surface test ASTM F1869) prior to installation. pH requirement: The pH / alkalinity of the concrete must not be higher than 10. Note: AS 1884-2021 should be followed in conjunction with the guidelines of the soft floor manufacturer.		
Curing time	~24 h (final strength after ~72 h)		
Skin time / laying Time	<15 minutes		
Flash-off time	<15 minutes		

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.

IMPORTANT CONSIDERATIONS

- SikaBond®-202 Hard Set Vinyl Adhesive is only suitable for use by professional installers.
- For good workability, the adhesive temperature shall be ≥ +15 °C.
- Floor coverings need to be acclimatised to the room before installation according to the guidelines of the supplier.
- Protect from freezing. After being frozen the adhesive can no longer be used.
- Avoid extreme variations of environmental conditions (temperature or humidity).
- SikaBond®-202 Hard Set Vinyl Adhesive is only suitable for interior areas.

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

- The substrate must be clean, dry, sound, absorbent and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance, prior adhesives, floor coverings and other poorly adhering contaminants must be removed.
- All surfaces must be prepared in accordance to the current Australian Standards AS1884:2021 - Floor coverings - Resilient floor and tiles - Installation practices.
- Prime highly absorbent substrate with Sikafloor® -01 Primer prior to application of SikaBond®-202 Hard Set Vinyl Adhesive.
- Defective subfloors shall be treated by taking appropriate measures e.g. grinding, milling, vacuuming, priming or self-levelling.
- Mastic asphalt and other non-absorbent subfloors as well as rubber floor coverings may require specific self-levelling compound layer thicknesses. For appropriate layer thicknesses refer to the relevant valid data sheets.
- Concrete and/or cement screeds must be ground and thoroughly cleaned with an industrial vacuum.
- When installing floor covering with underfloor heating, existing measuring points have to be checked regarding the moisture content of the subfloor.

APPLICATION METHOD / TOOLS

Stir SikaBond®-202 Hard Set Vinyl Adhesive well before use. The adhesive has to be applied on the absorbent subfloor with a trowel. The type of trowel depends on the subfloor and the backing of the floor covering (refer to Consumption). Always assure sufficient transfer of the adhesive to the floor covering backing. The installation area, floorcovering and substrate should be kept at the appropriate temperature as required by the floorcovering manufacturer and section 4 of the current AS/NZ 1884 standard. The key to a successful installation is consistent temperatures being maintained 48 hours prior to, during and ~48 hours after installation.

Wet phase bonding

The flash-off time for installation on absorbent subfloors is ~10–15 minutes, depending on the room climate. The floor coverings must be laid in the wet adhesive and rubbed down with an articulated floor roller.

All types of floor coverings need to be rubbed down well especially along the seams. After a waiting time of ~15 minutes the floor covering has to be rolled again with weighted roller prior to adhesive setting. Avoid direct sunlight, direct high temperatures, dynamic stress and pointed stress. The guidelines of the floor covering manufacturer apply.

CLEANING OF EQUIPMENT

Clean excess adhesive immediately using a lightly damp cloth. Clean tools immediately after use with warm soapy water. Dried adhesive may be softened using a Sika cleaner such as Sika® Colma Cleaner **IMPORTANT:** Do not use solvent cleaner directly on finish floorcovering, as the solvent cleaner can potentially cause damage to the surface.

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

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, sub-

strates 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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