

PRODUCT DATA SHEET

SikaBond[®]-204 Protect

An adhesive designed in the installation of commercial & domestic flooring for indoor & outdoor applications.

DESCRIPTION

SikaBond[®]-204 Protect is a 1-component adhesive designed for the installation of commercial and domestic sheet vinyl, LVT & LVP. It is also suitable for the installation of sanded back rubber flooring, Linoleum and Artificial Grass.

USES

SikaBond[®]-204 Protect has good plasticiser resistance and protection from biodegradation, making it suitable for indoor and outdoor use in wet and dry areas. SikaBond[®]-204 Protect is suitable for use in cool rooms and freezers as well as over underfloor heating systems, it is also suitable for installation of floor coverings in areas with higher temperatures of up to 50°C for prolonged period of time.

FEATURES

- Indoor & outdoor use
- For use in coolrooms and freezers
- Solvent-free
- Moisture resistant
- Non-shrinking even in thicker layers
- Suitable on underfloor heating systems
- Temperature resistant after curing
- Heavy duty
- Low odour
- Easy to apply

PRODUCT INFORMATION

Composition	1-component silane modified polymer
Packaging	7.5kg drum
Shelf life	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 [®] -204 Protect shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Colour	Cream
Density	~1.45 kg/L
Consistency	Thixotropic paste

Consumption	LVT vinyl and PVC with smooth back surface	Trowel V1	~16 - 20m ² per drum
	Linoleum, rubber and PVC flooring with textured back surface	Trowel V2	~10 - 12m ² per drum
	Synthetic grass, needle fleece flooring	Trowel V3 or larger on very textured products	~6 - 8m ² per drum
Ambient air temperature	+18 °C to +30 °C		
Relative air humidity	~40 - 65%		
Substrate temperature	+15 °C to +30 °C		
Open Time	~5 – 20 minutes at 50% RH, at 21 °C		
Curing time	~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.

IMPORTANT CONSIDERATIONS

- SikaBond®-204 Protect is only suitable for use by professional installers.
- For good workability, the adhesive temperature shall be $\geq +15$ °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. The minimum sub floor temperature prior to commencing preparation of adhesive application is 15°C, in cold weather, the adhesive should be warmed up in a heated environment before use.
- Avoid extreme variations of environmental conditions (temperature or humidity). The maximum room humidity prior to commencing adhesive application is 75%, DO NOT apply adhesive on subfloors with rising damp. The preferred room humidity is between 40 - 65%.
- SikaBond®-204 Protect is suitable for interior & exterior applications.

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.

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, floorcoverings, and other poorly adhering contaminants must be removed.
- All surfaces must be prepared in accordance AS1884 Floor Coverings - Resilient sheet & tiles - installation

practice.

- Prime highly absorbent substrate with Sikafloor® -01 Primer prior to application of SikaBond®-204 Protect Adhesive. If a moisture barrier is required, use Sikafloor®-158W Fast Barrier.
- 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

Apply SikaBond®-204 Protect using a suitable trowel as listed (see consumption chart) for your application spread evenly to prepared substrate held at approximately 60-degree angle.

Best results are when SikaBond®-204 Protect is allowed to have between 5 – 20 minutes open time prior to installing floorcovering in to wet film of adhesive depend on atmospheric conditions.

Always ensure complete transfer of SikaBond®-204 Protect to the floorcovering has occurred.

Complete installation according to manufacturer's instructions and current AS1884-2021 standards. Roll installation prior to adhesive setting with the recommended weight roller.

Do not allow traffic or water for 24 hours after installation.

Application in Cool Rooms & Over Heating Systems

SikaBond®-204 Protect is suitable for use in cool rooms and freezers as well as over underfloor heating systems, it is also suitable for insulation of floor coverings in areas with higher temperatures of up to 50°C for prolonged period of time. Please confirm with the flooring manufacturer on whether their product is suitable for use in these conditions.

For these types of installations, subfloor temperature must be maintained at minimum 15°C and air temper-

ature at 18°C for at least 3 days prior and at least 3 days after the installation.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with Sika® Remover-208. Once cured, hardened material can only be removed mechanically. For cleaning skin use Sika® Cleaning Wipes.

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, 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.

Sika Australia Pty Limited

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48

Product Data Sheet

SikaBond®-204 Protect

July 2023, Version 01.02

02051202000000084

SikaBond-204Protect-en-AU-(07-2023)-1-2.pdf

