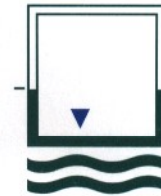


# ▼SK 2000, ▼SK 2000-S



Cellar,  
basements  
and tanks



Flat roof  
and balcony

## Product Description

▼SK 2000 and ▼SK 2000-S, used for protection against the damaging effects of water, are high performance self-adhesive sealing membranes with a unique overlapping system for a continuous seal. They are suitable for exterior basement walls, exterior sealing (new construction) underground car parks, bunkers, bridges, tunnels, concreted assembly units, floor and bridge foundations, pits or also balconies and terraces (with subsequent application of protection screed) and all subterranean construction areas made of concrete, render or autoclaved aerated concrete. The material is gap spanning, rootproof, highly flexible, easy to apply and provides thermal stability. It fits snugly around corners, edges and grooves, even at low temperatures. ▼SK 2000-S is furthermore rootproof, resistant to many chemicals and conditionally UV-resistant. ▼SK 2000 has a perforated surface and is not UV-resistant. Both are frostproof and resistant to de-icing salt.



## ▼SK2000 and ▼SK2000-S Product Information

### Characteristics

#### Composition

▼SK 2000-S consists of an elastoplastic caoutchuc bitumen compound. A diagonally cross-laminated double polythene foil on the upper surface of the sheet provides the material with high tear resistance and makes it resistant to many chemicals. The highly adhesive adherend is protected by the silicone backing on the underside. Furthermore, there is a 5 cm wide removable paper strip alongside the edge of the upper surface of the sheet, protecting an adhesive strip located underneath as well. In comparison with ▼SK 2000-S, the ▼SK 2000 Sealing Membrane is additionally perforated on the surface.

#### Features

▼SK 2000 and ▼SK 2000-S provide thermal stability and they are easy to apply. They fit snugly around corners, edges and grooves, even at low temperatures. The high flexibility of the sealing membranes ensures return to their original norm ("memory effect") after elongation. The adherent underside resp. the upper surface is extremely adhesive, sheets that have been glued together can no longer be taken apart. ▼SK 2000-S is additionally rootproof, resistant to many chemicals and conditionally UV-resistant. ▼SK 2000 on the other hand is not UV-resistant. Both are frost-proof and resistant to de-icing salt.

Strict adherence to the instructions is essential in order to ensure the superb durability of our products.

#### Areas of Application

▼SK 2000 and ▼SK 2000-S are suitable for exterior basement walls, exterior sealing (new construction), underground car parks, bunkers, bridges, tunnels, concreted assembly units, floor and bridge foundations, pits or also balconies and terraces (with subsequent application of protection screed) and all subterranean construction areas made of concrete, render or autoclaved aerated concrete. Further and above this, ▼SK 2000-S can be recommended for wet cells and terraces that are to be grassed.

#### Combined Applications

▼SK-Primer: As a primer for dry substrates. The usage is approx. 250 g per qm.

▼K 100: As a primer for damp substrates. The usage is approx. 250 g per qm.

Silicone or similar: For sealing the wall connections so that water does not creep underneath the affixed sheet. Wall connections: Wall connection profiles resp. perforated metal strips for fastening the sealing membranes on the edges.

#### Directions for Use

##### Prior to Application

Get organized: The sealing membranes should be laid by 2 persons. They can cover approx. 30 qm per hour. The ideal working temperature ranges between +15 and +25 degrees Celsius. The sealing membranes cannot be laid below +5 degrees Celsius.

Tools etc.: Utility knife with trapezoid blade, brush, pressing roller (hand roller or heavy-duty roller).

Calculate how much you will need: ▼SK 2000 resp.

▼SK 2000-S are each 19 m resp. 14.3 m long and 1.05 m wide. Remember that 5 cm of the width of each membrane is lost in lieu of the overlapping pasted seam; for wall connections you will even require 15 cm.

Prepare surface:

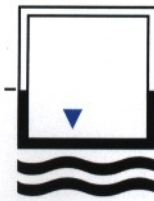
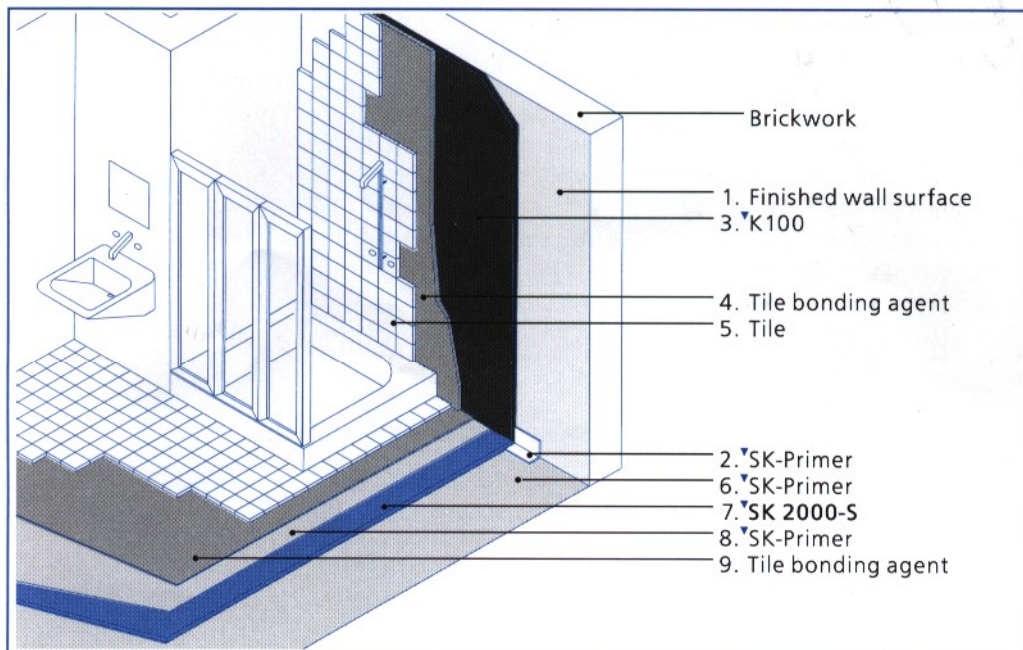
a) The surface must be level, supportive, clean and free of debris. Separation layers of oil, paint, forming oil and similar must be removed (e. g. brushed off or ground off).

b) The surface must be primed prior to laying the sealing membrane. Dry substrates must be primed with ▼SK-Primer. Allow for approx. 2 - 3 hours of evaporation time for the primer.

Particularities: Substrates made of autoclaved aerated concrete need two coats of primer (allow for 2 hours of evaporation time between coats). Damp substrates need to be primed with ▼K 100; when you lay the membranes, this primer should be dry to the point where it is no longer sticky (thumb print test).

Handling of ▼SK 2000 and ▼SK 2000-S is recognized as safe (non-hazardous material acc. to GefStoffV). Fire classification B2.

**Make sure that the priming is not exposed to moisture during application or during evaporation.**



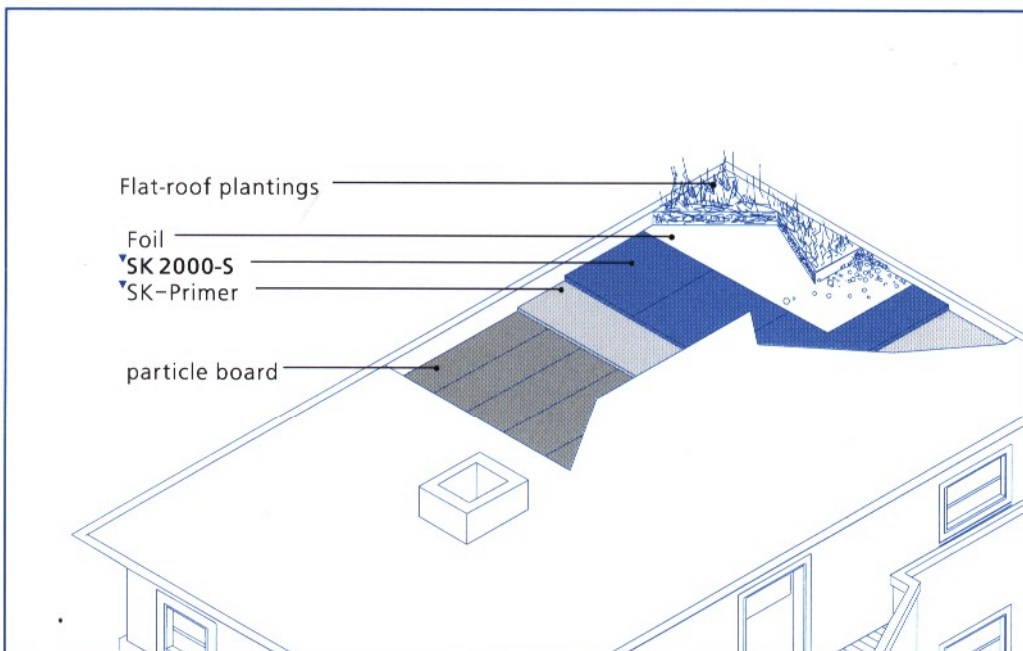
Cellar,  
basements  
and tanks



Flat roof  
and balcony

**Above illustration:**  
Damp room waterproofing  
with SK 2000-S

**Left illustration:**  
Flat roof waterproofing on  
solid ground with  
SK 2000-S



### Working Steps

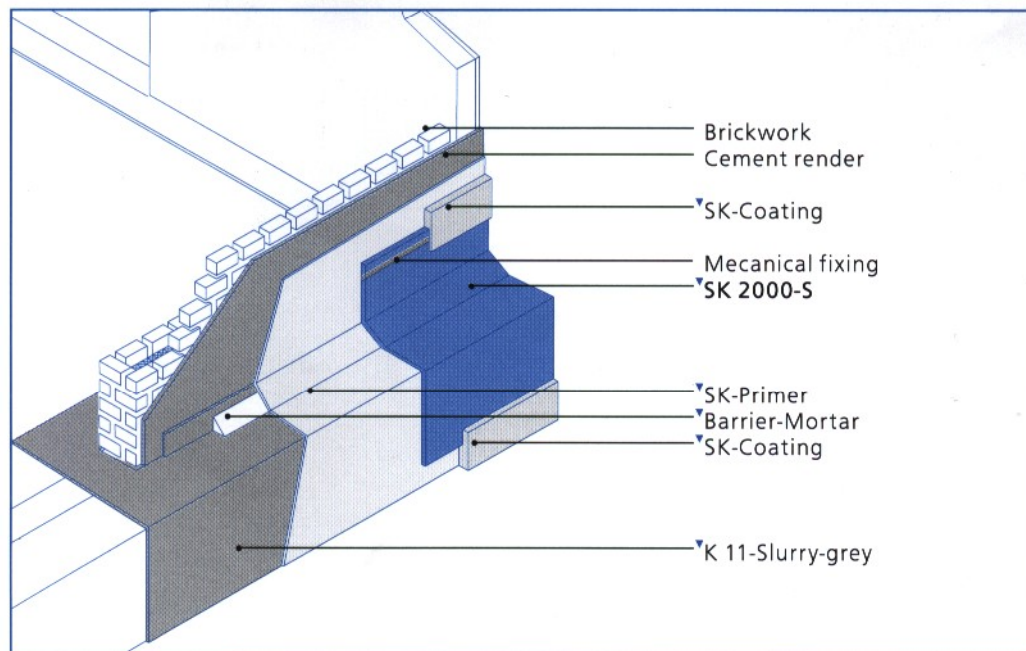
1. Cutting to size: Cut sealing membranes to the required length and roll up again.
2. Positioning: After cutting, unroll the sealing membrane (with the silicone foil still attached) on location, but only half-way. Next, place the unrolled area onto the exact same position of the surface that it is to be affixed to. Then reroll the unrolled sealing membrane from the end up to the middle, so that the whole piece presents approx. two equal "partial" rolls. (Make sure that the paper strip alongside the edge of the upper surface is put down correctly on that side, to which the next sealing membrane is to be connected.)
3. Affixing: Carefully cut across the silicone backing on the underside of the sealing membrane. Now you can remove the silicone foil to either side and expose the adhesive area. As the adhesive area is exposed, first unroll a "partial" roll piece by piece and press down firmly with the pressing roller; then continue in the same fashion with the second "partial" roll.

**Watch the paper strip on  
the upper surface!**

**Slight contact with the  
primer is enough** to cause  
the sealing membrane to  
stick so well that it is  
almost impossible to take  
it off again. Therefore:  
position carefully!

4. Laying the next sheet: The second sheet needs to be affixed both to the surface as well as to the edge of the sealing membrane laid previously in order to ensure that these seams are waterproof. Therefore, when positioning, make sure that it overlaps with the one affixed previously by approx. 5 cm - this applies both to the long side as well as the front side (for sheets laid one after the other).

**Remember:** Membranes that are laid side by side or one after the other must overlap by approx. 5 cm; you will require approx. 15 cm of sealing membrane for wall connections.



**Left illustration:**  
External waterproofing of cellars with ▼SK 2000-S

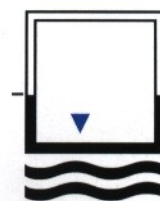
5. Sealing the edges: As the second sheet is affixed proceed in the same manner as with the first one - glue together the overlapping edges as well. For this purpose, remove the paper strip on the upper surface of the sheet laid previously (that is simultaneously with the silicone foil of the second sheet). Thus, an adhesive coating is exposed, allowing you to seal both sheets on the edges securely and watertight.

6. Re-pressing: After the sheets have been laid, they must be pressed down firmly once again with the roller while particular attention should be paid to the pasted seams.

7. Treating the edges: In order to ensure that rain or other water cannot creep underneath the sheets, the edges of the sealing membranes need special attention.  
- Roof drains: Cut slot, hole or other opening into the sealing membrane so that drains or similar can be "worked in".

- Wall connections: The sealing membrane should come up on walls, chimneys or similar to a height of at least 15 cm.

Next, fasten the sheet with a wall connection profile or a perforated metal strip. The upper surface of the fastening strip must be injected and thus sealed with a permanently elastic joint filler (silicone or similar), so that water cannot creep underneath the affixed sheet.



Cellar,  
basements  
and tanks



Flat roof  
and balcony

#### After Application

Cleaning: Residual glue can be removed with  
▼Epoxan-Cleaner.

Load stability: Immediately after laying.

Walking strength: Sealing membranes are not suitable  
for pedestrian traffic and must be protected against me-  
chanical damage - walls for example by protective  
plates, floors by screed or similar (e. g. for balconies).

#### Packaging, Storage and Disposal

Packaging: ▼SK 2000 and ▼SK 2000-S come in rolls and  
are supplied in pasteboard boxes. They are 19.04 m  
long, 1.05 m wide (total surface 20 qm) and 1.5 mm  
thick. ▼SK 2000-S can also be supplied in a length of  
14.3 m (total surface 15 qm) and a thickness of 1.7 mm.  
Special lengths are available on request.

Colour: black

Storage: ▼SK 2000 and ▼SK 2000-S can be stored in their  
original packaging for a period of two years after deliv-  
ery without any losses in quality (see date of delivery on  
package). The rolls must be kept in an upright position.

Delivery: Ex works or via our outside warehouses.

Disposal: Packaging and material may be disposed of via  
domestic garbage.

#### Any more Questions?

Please direct these to our sales staff or to our Technical  
Advisory Service in the Wiesmoor plant:  
(0 10 49) 4944 302-0.

All of the information provided has been compiled to  
the best of our knowledge. We recommend that the  
suitability of our products be ascertained prior to appli-  
cation by means of matching the treatment to the indi-  
vidual conditions and testing the product if necessary.  
Liabilities cannot be derived from this technical informa-  
tion. Our general sales, delivery and payment conditions  
are valid.

Please refer to the  
information on the  
packaging as well.

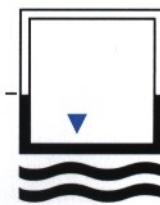


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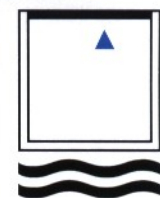
Product description	
Application	<p>SK 2000-S is suitable for exterior basement walls, exterior sealing (new construction), underground car parks, bunkers, bridges, tunnels, preformed concrete parts, floor and bridge foundations, pits and also balconies and terraces (with the subsequent application of screed) and all other subterranean construction areas made of concrete, render or autoclaved aerated concrete. Furthermore it is recommended for wet cells and terraces that are to be grassed.</p>
Composition	<p>SK 2000-S consists of a electroplastic caouchuc bitumen compound. A diagonally cross laminated polyethelene foil on the the upper surface of the sheet makes the material highly resistant to tears and many chemicals. The silicone backing on the underside protects the highly adhesive sticky surface. There is also a 5cm wide removable paper strip along the edges of the upperside which protects an adhesive strip.</p>
Features	<p>SK 2000-S is stable in all temperatures and easy to shape. Even in the coldest temperatures it can be formed to corners, edges and grooves without problem. The highly elastic qualities of the product ensure that the sealing membranes return to their original form when they have been stretched ("Memory Effect"). The protected adhesive on the under and upperside is extremely adhesive, membranes that have been stuck together cannot be taken apart again. SK 2000-S is also rootproof, resistant to many chemicals and UV resistant.</p>

## SK 2000-S

### Technical Data Sheet



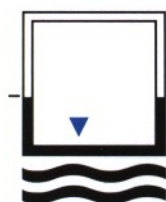
Cellar, basements and tanks



Flat roof and balcony

Specifications for application	
Working time	2 people require approximately 1 hour to cover 10 qm
Type of application	self-adhesive procedures
Thickness of coating	1.5mm thick
Complementary material	SK-Primer, K100, SK-Coating
Warranty	5 years according to Civil Code
No. of persons required	2
Subsequent treatments	seams and connections must be sealed with SK-Coating
Alternatives to product	SK 2000
Cleaner	Epoxan-Cleaner
Treatment of surface	treat dry surfaces with SK-Primer, treat damp surfaces with K 100
Characteristics of surface	the prepared surface must be even, supportive and free from separations
Working temperature	from +5 degrees Celsius. Ideal +10 to +25 degrees Celsius.
Tools	knife with trapezoid blade, brush, pressing roller
Cleaning of tools	with Epoxan-Cleaner
Special comments	Membranes that have been stuck together cannot be taken apart again. Joints must be sealed. It must not rain during the application (priming or laying). Special lengths are available on request.

# SK 2000-S



Cellar  
basements  
and tanks



Flat roof  
and balcony

Biological/chemical/physical data	
Basis	Thermoplastic caouchuc bitumen compound. Upperside: diagonally cross laminated double foil made of polyethylene. Underside: Silicon sheet.
Load stability	immediately after application
Fire prevention	fire class B 2
Elongation at break	Length ways: more than 626% (Clamped length 100mm) Width ways: more than 626% (Clamped length 100mm)
Resistance to break	length ways: 86N, width ways: 51N
Density	1.0 to 1.5
Resistance to frost and de-icing salt	given
Consistency	hard
Conductivity	non-conductive
Breaking flexibility	300%
Breaking strength	more than 3N per qmm (further tearability according to DIN 53363), length ways: 27N, width ways: 21N
Purchase/order/information	
Contact	Contact our sales staff or our Technical Advisory Service in our Wiessmoor plant: (0 10 49) 49 44 3 02-0.
Item no.	2114 (15qm), 2112 (20qm)
Suppliers	various outside warehouses or direct from the plant
Disposal	normal domestic garbage
Packaging	Cardboard rolls. 19m long, 1.05m wide (total area 20qm) and 1.5mm thick. SK 2000-S is also available in 14.3m long (total area 15qm) by 1.7mm thick. Special lengths are also available on request.
Shelf life	SK 2000-S can be stored in its original packing for 2 years after delivery with no loss in quality (see the delivery date on the delivery note). The rolls must be stored in the vertical position.
Test certificates	Official Material Research and Test Establishment for Building Products Stuttgart: Test of water permeability. State Material Test Establishment Dortmund: Test of the resistance to roots.



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