

Tendering text: Sisalex 871

Gas/radon seal

Item	Description of service												
1	<p>General information</p> <p>A gas seal is always an airtight layer. All joints, gaps, overlaps, connections and holes must be airtight. Any damage to the surface or unavoidable holes must be sealed.</p> <p>System tested scientifically tested for radon tightness consisting of membrane, bonding overlaps and penetrations.</p> <p>Technical details:</p> <table> <tr> <td>Roll size:</td><td>2 m x 50 m</td></tr> <tr> <td>S_D value:</td><td>>1,500 m</td></tr> <tr> <td>Methane permeability:</td><td>4,3 x 10⁻¹⁴ kg m/s</td></tr> <tr> <td>Radon diffusion coefficient:</td><td>1,4 x 10⁻¹³ m²/s</td></tr> <tr> <td>Weight:</td><td>350 g/m²</td></tr> <tr> <td>Thickness:</td><td>0.40 mm</td></tr> </table>	Roll size:	2 m x 50 m	S _D value:	>1,500 m	Methane permeability:	4,3 x 10 ⁻¹⁴ kg m/s	Radon diffusion coefficient:	1,4 x 10 ⁻¹³ m ² /s	Weight:	350 g/m ²	Thickness:	0.40 mm
Roll size:	2 m x 50 m												
S _D value:	>1,500 m												
Methane permeability:	4,3 x 10 ⁻¹⁴ kg m/s												
Radon diffusion coefficient:	1,4 x 10 ⁻¹³ m ² /s												
Weight:	350 g/m ²												
Thickness:	0.40 mm												
2	<p>Delivery and installation of Sisalex 871 gas seal on existing underlying structure or on the clean layer of the foundation slab or underlay to be installed on top. The aluminium/PE side facing the gascarrying layer. Joints overlapping 15 cm. Fixing with tacks or nails in the overlap area. Overlaps joined with double-sided butyl rubber strip Ampacoll BK 530 2 x 20 mm to form an airtight seal (sealing function). Overlaps sealed with Ampacoll XT 60 or Ampacoll Flexx pro adhesive tape (mechanical sealing).</p> <p>Quantity.....m² Unit price..... Total price.....</p>												
3	<p>Substructure</p> <p>Building or extending the substructure with components that are not suitable for gas seals to be installed directly on the existing structure.</p> <p>Quantity.....m² Unit price..... Total price.....</p>												
4	Edge connections												
4.1	<p>On smooth surfaces</p> <p>Connections to adjacent components with smooth, dust-free surfaces (planed wood, plastic profiles, metal, etc.) should be sealed to create an airtight seal using butyl rubber strip Ampacoll BK 530, 2 x 20 mm (sealing function). Additional mechanical sealing through edge strips or Ampacoll XT or Ampacoll Flexx pro adhesive tape.</p> <p>Quantity.....rm Unit price..... Total price.....</p>												
4.2	<p>On porous surfaces</p> <p>Connections to adjacent components with porous and rough surfaces (brick or concrete walls, wood, etc.) should be sealed to create an airtight seal using Ampacoll BK 530, 2 x 20 mm (sealing function). Additional mechanical security with edge strip or adhesive tape Ampacoll XT.</p> <p>Pretreat porous, dusty or rough surfaces with Ampacoll Primax or Ampacoll Airmax</p> <p>Alternatively: Use Ampacoll Superfix or Ampacoll Profix liquid adhesive.</p>												

- 5 Penetrations
Seal penetrations for ventilation or electrical pipes, supports, etc. with butyl rubber strip Ampacoll BK 535, 2 x 50 mm (sealing function). Additional mechanical sealing through edge strips or Ampacoll XT or Ampacoll Flexx pro adhesive tape. Pretreat porous, dusty or rough surfaces with Ampacoll Primax or Ampacoll Airmax

Quantity.....m	Unit price.....	Total price.....
----------------	-----------------	------------------

- 5.1 Total edge length < 50 cm
Quantity.....units Unit price..... Total price.....

- 5.2 Total edge length > 50 cm to 100 cm
Quantity.....units Unit price..... Total price.....

- 5.3 Total edge length > 100 cm to 200 cm
(Penetrations with a total edge length of more than 200 cm count as edging and are listed there).

Quantity.....units	Unit price.....	Total price.....
--------------------	-----------------	------------------

- 6 Neu

- 7 Sources and documentation
Please refer to the product inserts for all product specifications and application tips.

Further information and sources:

Ampack AG
Seebileichstrasse 50
9401 Rorschach
Tel. +41 (0)71 858 38 00
Fax +41 (0)71 858 38 37
ampack@ampack.ch
www.ampack.ch

Note

Considerations in terms of content

Users will occasionally have to make changes to adapt to a specific situation. Similarly, suggestions for tender texts can only cover standard situations. Custom solutions must be worked out for special circumstances. In its manufacturing process, Ampack AG places an emphasis on state-of-the-art technology and follows established practices in the construction industry as well as all applicable standards and statutory provisions. In the event of doubt, the details provided in the documentation or booklets/fliers published by Ampack AG are definitive.

Legal considerations

The drafting of tender texts is a voluntary extra service provided free of charge by Ampack for the purposes of aiding architects, planners and contractors. It is carried out to the best of our knowledge, but to the express exclusion of any liability arising from the provision of advice. See the General Terms and Conditions of Ampack AG for information in this regard.

Authorisation for use by customers of Ampack AG

The tender texts are authorised for use by our customers (architects, planners and contractors) for their own purposes. Sharing or publication of these texts in printed or electronic media is not permitted. Constructive comments and additions are welcomed by the author. In order to facilitate transcription to a tendering platform, unnecessary formatting has been avoided.

Ampack AG
Marius Schorer
Head of Application Technology
Seebileichstrasse 50
CH-9400 Rorschach
+41 71 858 38 00 Tel.
+41 71 858 38 37 Fax
m.schorer@ampack.ch

Copyright Ampack AG, CH-9400 Rorschach

Last updated: 27 January 2022