

# KABSEAL™ SLAB

## RADON-RESISTANT SEAL POTTING GROMMET FOR FLOOR SLAB

Internal and External Use



### Technical Data

	Properties	Performance	Standard
Adhesive sleeve	Carrier	Special aluminium butyl	
	Adhesive	Withstands a damp climate	
	Temperature resistance	-40° C (-40° F) to +100° C (212° F)	
	UV resistance	Very good	
	Butyl density	~1.5 g/cm <sup>3</sup>	DIN EN ISO 10563
	Compressive strength	>0.08 N/mm <sup>2</sup>	DTU 39.4
	Colour	Brown/black	
Flexible sealing grommet	Material	Butyl compound	
	Density	1.09 g/cm <sup>3</sup>	DIN EN ISO 1183-1
	Tensile strength	15 MPa	DIN 53504
	Temperature resistance	-60° C (-76° F) to +130° C (266° F)	
	Elongation at break	630%	DIN 53504
	Colour	Black	
Storage		Cool and dry	
Processing temperature		+5 °C to +30 °C	
Bitumen compatibility		yes	
Halogen free		yes	

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## Advantages

- ✓ Made of permanently flexible collar
- ✓ Effective radon protection for buildings
- ✓ Extremely flexible conical grommet - offsets structural movement
- ✓ Excellent adhesion, and waterproofing properties
- ✓ Accurate, and permanent gas seals
- ✓ Strong acrylic adhesive with excellent ageing resistance
- ✓ Special aluminium butyl adhesive flange
- ✓ Split release liner for quick installation

## Application Areas

Partel KABSEAL SLAB have excellent compatibility to concrete, adheres to almost any material. KABSEAL SLAB is the appropriate choice for gas seals—floor slab or in the subbase.

The convective transport of radon caused by differences in air pressure must be avoided by ensuring that connections in the building envelope are designed to be airtight.

- For supply lines that are positioned close to one another
- Upright adhesive flange as a cast mould around the lines to pour liquid seal

**Check out the installation guide for detailed steps of the installation process.**

## General Information

Connection joints should be free from tensile strain. Acrylic base adhesive tapes are pressure activated, sufficient pressure is required to ensure a long lasting bond. A smoother physical substrate will result in optimum adhesion between tape and surface. It is the responsibility of the applicator to check the substrate for suitability, adhesion tests are recommended in non standard situations.

*"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit [partel.com](http://partel.com) for the most up to date information"*

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