

## System A10

### KLB TECH EP Anti-Radon



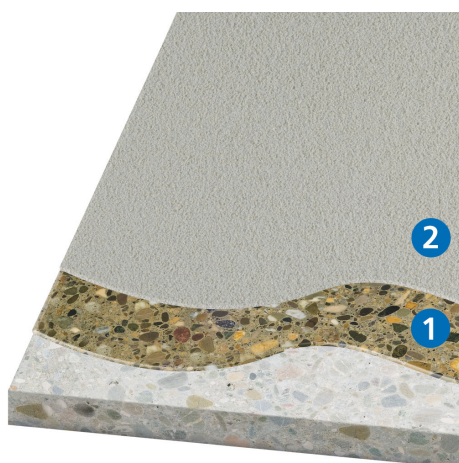
Low-emission epoxy resin sealant for radon-proofing

The coating system A10 is a tested 2-component epoxy resin concrete waterproofing which protects against gaseous, radioactive radon rising from the ground. It is used for radon-proofing in private households as well as in public buildings and commercial areas, mainly in basements or on the ground floor.

A further overcoating with various epoxy resin coverings is possible - but also subsequent build-ups with screeds, etc.

The low-emission coating system meets the requirements of Indoor Air Comfort Gold Version 6.0 (2017).

**Alternative systems:** [System G7](#) for obtaining radon protection in combination with polyurethane coatings.



2. Barrier layer with **KLB-SYSTEM EPOXID EP 58** and mixed sand **KLB-Mischsand 3/1**
1. Primer **KLB-SYSTEM EPOXID EP 58**

#### System build-up

Layer	See product information for more details
Total layer thickness	> 1.8 mm
Barrier layer (2)	<b>KLB-SYSTEM EPOXID EP 58</b> , mixed with <b>KLB-Mischsand 3/1</b>
Primer (1)	<b>KLB-SYSTEM EPOXID EP 58</b>
Substrate	Requirements to the substrate according to BEB worksheets and our primer list or by consultancy from our technical sales service/application technology

#### Area of application

#### Offices and public facilities:

- Office and administration
- Public facilities
- Living

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#### System features

- application area - Indoor
- impervious to fluids
- radon-proof
- rigid
- low-VOC (AgBB)

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#### Technical data

Shore-hardness D (EP 58)	Ca. 80	-	DIN 53505 (after 7 days)
Adhesive tensile strength (EP 58)	> 1.5	N/mm <sup>2</sup>	DIN EN 1542

The values established in tests are average values. Deviations from the product specification may occur.

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#### Tests and certifications

The following external test certificates are available for the system:

- Radon tightness test: > 1.8 mm radon tight
- Certified as low-emission according to Eurofins "Indoor Air Comfort Gold". Compliant with AgBB and suitable for recreation rooms. With EMICODE EC-1plus label.
- Declaration of performance in accordance with Annex III to Regulation (EU) No. 305/2011 (Construction Products Regulation)
- Declaration of product conformity with Environmental Product Declarations (EPD)

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#### Special remarks

A build-up with further layers of EP coatings on top of the sealant is of an optional nature only and can be done demand-oriented, but is no longer part of the sealant.



Please consider the latest version of this system information on our website.

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All stated information is based on our experience and technical preparation. We guarantee the correct and proper quality of our products. We do not assume any responsibility for the work not carried out by us, since we have no influence on the processing or processing conditions. We recommend on-site trials to be conducted. With appearance of this new KLB system information, all prior information loses validity. The updated version is available on our website [www.klb-koetzal.com](http://www.klb-koetzal.com). In addition, our "General Terms and Conditions" apply.