

Polymer concrete panel elements

mineralit

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self-supporting balcony floor panels

thin-walled | large format | durable | waterproof

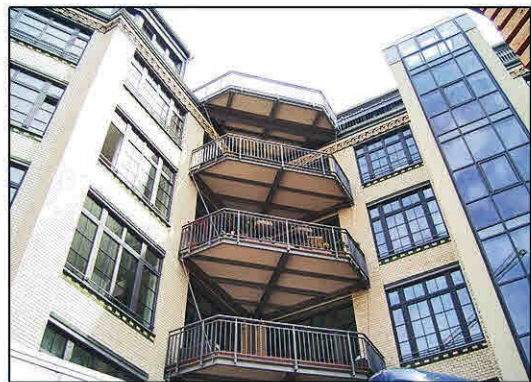
Time savings and cost savings due to simple substructure, fast assembly and minimum personnel expenditure with maximum application duration.

The self-supporting Mineralit balcony floor panels are made of polymer concrete (94% natural quartz sand, bound with an acrylic resin).

The material quality is **comparable with a high-quality natural stone** (e.g. granite), which allows filigree balcony constructions with a high loadbearing capacity and proven longevity.

In addition, the innovative manufacturing process allows "useful extras" to be poured into the balcony floor panel.

For example, **barrier-free drainage solutions** can be integrated, or photoluminescent surface motifs can be realised.



The Mineralit panel elements are individually manufactured to measure and delivered ready for assembly. The elements can be precisely positioned with a vacuum lifter and **can be walked on immediately after installation.**

All processing materials and instructions for professional installation can of course be supplied or downloaded online.

Depending on **individual design requirements**, a wide range of colours and decors can be selected (special decors may be subject to an additional charge). Our balcony floor slabs are **available in countless geometric shapes**, a sketch may be necessary.

The panel elements are easy to clean and can be cleaned with commercially available cleaning agents.

Our panels are **permanently maintenance free, temperature and weather resistant.** They are absolutely resistant to road salt and permanently resistant to other aggressive chemical substances.



In thicknesses of 20, 25 and 35 mm, the balcony slabs are available with a general building approval (Z-10.9-47 | until 2023).

In the case of individual deviations, approval can also be obtained in individual cases as required.

"permanently weatherproof balcony coverings - all a question of the right material"

Fax- Reply:
(please choose)

I would like to speak with a contact person.

I have a current Object / Project & wishes an on-site consultation.

**your contact details/
your Stamp**

(please fill in)

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technical details

material	Mineralit - resin-bonded polymer concrete panel with reinforcement			intermediate layer attachment	SikaTack® - Panel - Adhesive, B: 12 mm, self adhesive
material thickness	35 mm	25 mm	20 mm	mounting	Bonding using the Sika® components mentioned below is carried out by recommended. In the case of screwed connections, coordination with the Manufacturer required
weight	about 80 kg/m²	about 53 kg/m²	about 42 kg/m²	drainage	1. cast stainless steel channel 2. frontal drainage via gutter to UK 3. drainage via PE drainage system, d: 50mm
max. span according to gen. construction approval	1.540 mm	960 mm	640 mm	colouring	According to current decor overview (www.mineralit.info/dekore)
application	single-span system	two-, multi-field/ flow system	multi-field-/ flow system	upstand	Trapezoidal edging at factory 15/25 mm
max. plate dimensions f. the use as single field system	1.580 x 4.000 mm	1.000 x 4.000 mm	680 x 4.000 mm	accessories	Fastening & jointing material Sika® - Primer 1l - can SikaTack® - Panel - Adhesive 33 m role SikaBond® T2 600 ml sausage Sika® - Cord d = 13 mm Sikaflex® - Pro 3 WF 600 ml sausage
building material class	B1 flame-retardant (A2 also possible on customer request)			mounting instruction	The Mineralit balcony floor slab has no eyelets. The use of vacuum suction technology is recommended. Rental service can be proven.
true density	2,45 g/cm³ – (DIN 1048)			ordering informations	For a quick order realization we kindly ask you to send us a dimensioned sketch stating all technical details.
compressive strenght	138 N/mm² – (DIN 1048)				
bending strenght	29 N/mm² – (EN 196)				
tensile strenght	13,8 N/mm²				
abrasion resistance	hardness class I – (DIN 50321) by Böhme, (Terrazzo = hardness class II)				
dimensional tolerances	by DIN 18202				
slip resitance	R9 - R11				
surfaces	rectangle, trapezoid and radius, combined forms revolving				
storage of the plate	frame with minimum support of 40mm				
verification	general technical approval (No. Z-10.9-427 till 2023)				

Note: Failure to observe the installation instructions when installing the Mineralit balcony floor panel will void the warranty. The Mineralit balcony floor panel is a statically loadable component, therefore all possible questions must be clarified in the run-up to assembly. Product changes that serve technical progress, we reserve the right. The information contained in our product information corresponds to the state of our experience and does not constitute any warranty, or guarantee. Our possible liability is limited to the sales value of the product as such. Detailed information can be found in our product information on **Mineralit balcony floor panels**.

Please note in your planning that any necessary evidence must be clarified in advance. We will be happy to advise you in detail and competently.