

self-supporting balcony floor panels

with an integrated high-grade steel drainage channel

mineralit GmbH®

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The cantilevered balcony mineralit®- floor panels consists of polymer concrete (94% natural quartz sand bound, with an acrylic resin). That enables a high capacity, proven longevity and filigree balcony constructions.

mineralit®- balcony floor panels are permanently maintenance-free, temperature-and weather resistant.



above: filigree balcony construction with mineralit®- panels

below: balconies with mineralit

bottom right: integrated drainage channel

The panels can be individually manufactured and will be delivered ready for installation. Furthermore, they are available in all geometric shapes. A vacuum lifter carries the elements in a precise position. After laying they are walkable immediately .

You can chose an individual design for the mineralit®- balcony floor plates we have a wide range of decors and surfaces.

**-time and cost savings
because of a simple under
construction**

**-quick installation and
minimal personnel
expenses**

The balcony floor panels have a german technical approval (Z-10.9-427) and they are available in strengths of 20, 25 and 35 mm.



Fax - Reply:

03 84 59/ 661 - 23

(Please choose)

- I would like to have some detailed product informations of mineralit®- balcony floor panels.
- I would like to speak with a contact person.

**Your contact details/
Your stamp**

(name, phone / mail):

self-supporting balcony floor panels

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technical details

material	mineralit®; resin-bonded polymer concrete panel with reinforcement		
material thickness	35 mm	25 mm	20 mm
weight	about. 80 kg/qm	about. 53 kg/qm	about. 42 kg/qm
max span length in the bearing direction	1540 mm	960 mm	640 mm
maximum production measure	1580 x 4000 mm	2000 x 4000 mm	2000 x 4000 mm
application	single-span system	two-, multi-field/ flow system	multi-field-/ flow system
building material class	B1	B1	B1
attachment on substructure	bonded in accordance to instructions		
true density	2,45 g/cm³ (DIN 1048)		
compressive strength	138 N/mm² (DIN 1048)		
bending strength	29 N/mm² (EN 196)		
tensile strength	13,8 N/mm²		
abrasion resistance	hardness class I (DIN 50321 by Böhme; e.g. Terrazzo = hardness class II)		
slip resistance	R9 - R11 (DIN 51097 and DIN 51130)		
dimensional tolerances	by DIN 18202/18203		
maximum deflection for the construction	$\leq \frac{l}{300}$		
stiffness criteria for the substructure	deformation under concentrated load at any point: $\leq 1 \text{ mm} / 1 \text{ kN}$ vibration analyses can be necessary for bigger spans		
surfaces storage of the balcony floor panel	rectangular, trapezium/ bevel, radius, combined forms revolving frame with minimum support 40 mm		
intermediate layer attachment	SikaTack®-Panel-Adhesive, B: 12 mm, self adhesive we recommend Sika® for bonding		

For screw connection, please contact us (not approved)!

drainage	interior drainage via support system or front tray drainage via upstand profile and drip edge profile	
colouring	see decor overview	
upstand	trapeze upstand (coloured decors), rectangular upstand (nature decors), drip edge profile, skirting board, fillet	
information for instruction	the mineralit®-balcony floor panel has no safety eyelets. we recommend an appropriate vacuum suctioning we offer a hire service for the equipment lending service can be demonstrated (Request for conditions).	
connection material	Sika®-Adhesive-Cleaner Sika® Primer 3 N SikaTack®-Panel-Adhesive SikaBond® T2	1 l- can 1 l- can 33 m role 600 ml sausage
joint material	Sika® Primer 3 N Sika®Cord Sikaflex® PRO 3 WF	1 l- can bore = 13 mm 600 ml sausage
drain	mineralit supplies matching accessories for the drain bore	
ordering information	for a quick handling, please send a sketch with all necessary technical details of your project	

Detailed information you will find in our product information or on **www.mineralit.info**.

Please Note: the warranty expires when the instructions for installing the mineralit® - balcony floor panel will be ignored. The mineralit®- balcony floor panel is a statically stable component, so all any questions to clarify prior to installation. We reserve the right to change product information to serve the technical progress. For that reason it is no assurance or warranty. Our liability is limited to the good sales value of the product.