

BOTAMENT® R 70

Casting resin 2 component

BOTAMENT® R 70 is a solvent-free, low-viscose silicate resin to fill in cracks and joints in interior and exterior areas.

Properties

- ❖ Solid repair of screed cracks
- ❖ Screed screw anchors not necessary
- ❖ Fast curing
- ❖ Very low emissions
- ❖ Odourless
- ❖ Mixing up partial quantities is possible

Application Areas

- ❖ filling of cracks > 0.2 mm and joints in mineral building materials
- ❖ bonding and embedding of strips and profiles

Substrate preparation

The substrate must be in the following condition:

- ❖ dry, clean and frost-free
- ❖ stable
- ❖ free from grease, paint, separating agents and loose particles

If necessary, the cracks must be air-cleaned with oil-free, dry, compressed air or must be cleaned with an industrial vacuum cleaner.

Technical data

material basis	2 component silicate resin system
colour	beige (when mixed up)
Packaging	<u>1,8 kg unit (box)</u> 3 x 200 ml component A (transparent) 3 x 400 ml component B (brownish colour) + 2 empty containers
storage	cool ($\leq 20\text{ °C}$), dry and frost-free at least 6 months in its sealed original container protect from temperatures > 40 °C and from direct sunlight
density	~ 0.93 kg/ dm ³
mixing ratio (for subsets)	1 (A): 2 (B)
consumption	depending on requirements
working time	
at a material and substrate temperature of + 20 °C	~ 12 minutes
at a material and substrate temperature of + 10 °C	~ 15 minutes
walkable/ready to be worked on	after ~ 1 hour
application and substrate temperature	+ 2 °C to + 30 °C
cleaning agent	Dilution

All times stated refer to the standard atmosphere of + 23° C and 50 % relative humidity. Higher temperatures accelerate, while lower temperatures delay processing time and curing.

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- ❖ pour A component into the container of the B component and close the bottle securely
- ❖ shake bottle thoroughly for ~ 20 seconds (until the colour is uniform)
- ❖ cut off the pouring spout in correspondence with the width of the crack and pour ready-mixed compound into the cracks/ joints

Fine cracks must be made larger prior to filling them in by cutting into them.

Partial quantities of BOTAMENT[®] R 70 can be mixed up in the empty containers supplied. The mixing ratio specified by the factory must be strictly adhered to.

To ensure optimal bonding with the materials to be applied subsequently, such as tile adhesive or filler compounds, BOTAMENT[®] R 70 is scattered with dried quartz sand (grain size 0.5 - 1.2 mm) when fresh (brush off excess after curing).

Important Tips

In case of contact with metal and polymers a test application must be carried out first. Light metals may be corroded by BOTAMENT[®] R 70.

In order to avoid height variances between separate screed areas we recommend using screed screw anchors or similar alternative measures.

People with sensitive skin may experience allergic skin reactions when processing reaction resin materials. To avoid any contact with the skin suitable protective clothing must be worn during application.

You can view or download the safety datasheet at www.botament.com.

To achieve optimal results we recommend conducting a site-specific test sample prior to using.

Important Notice: The information provided here is based on our experience and is given to the best of our knowledge, but is non-binding. All instructions must be adapted to suit the individual building projects, the application purpose and the specific local conditions. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In any case, the generally accepted technical rules must be adhered to. Edition GB-1302. Further technical details can be found in our technical data sheets on our website: www.botament.com.
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