

# Rocathaan Filler GF-400

## Description and application

Rocathaan Filler GF-400 is an elastic, 2-component filler compound, in that case, gel based on modified polyurea.

This product has been specifically design for the filling and repairing of vertical and horizontal surfaces. Rocathaan Filler GF-400 can be easily and fast applied on static joints, cracks in mineral surfaces and other surfaces. Can also we used to seal EPS.

This product can be used as application to restore blistering in coatings. Through the high adhesion to hot spray and other coatings, Rocathaan Filler GF-400 is well suited.

## Article number and packaging

14014-5	5 kg set
14014-10	10 kg set

## Properties

- Good chemical resistance
- Low temperature flexibility
- No toxic vapours
- Excellent thermal stability

Elongation	± 105% (DIN 53504)
Tensile strength	± 15 MPa (DIN 53504)
Shore hardness	A90 (Din 53505, ASTM D2240)
Adhesion on GF-400	12 MPa
Adhesion on polyurea 136-T	8 MPa <i>After which deflection 136-T</i>
Adhesion on steel, sanded and TX adhesion promotor	9,3 MPa
Adhesion OSB3	Not suitable as surface
Adhesion concrete	8,2 MPa

## Liquid product properties

Colour	Transparent <i>RAL colours are available on project basis and on request.</i>
Density	1,12 kg/l mixed product
Volume solids	100%
VOC quality	0 g/kg
Flash point	>100 °C
Shelf life	In unopened packaging and stored between +10 and +30 °C, at least 12 months from the production date.

\* At 20 °C and 65% RH surface.  
\*\* At 1 kg and 20 °C product.

## Application information

Unmixed both components have a low viscosity. Approximately 10-20 seconds after the components are mixed the product is getting very thixotropic and will not sag on verticals. The filler can be easily and in 1 application applied up to 20 mm thickness easily. **Be aware:** EPS can melt when under the influence of the created reaction heat. Never apply more layers in one application.

Method	Trowel, squeegee, putty knife	
Usage	1,12 kg/m <sup>2</sup> /mm	
Mixing ration	465 gram A : 535 gram B	
Potlife**	Approx. 8 minutes	
Processing temperature	Surface	+0 and +30 °C
	Product	+10 and +25 °C
Rocoat time*	Min. 1 hour	Max. 24 hours
Chemical resistant*	After 3 x 24 hours	
Mechanical resistant*	After 2 – 3 hours	
Dilution	N/A	
Cleaning agent	Roca Cleaner R5518 (tools)	

Curing time in hours	New GF-400 applied on existing GF-400	GF-400 applied on Polyurea 136-T
Minimum 1 hour*	++++	++++
Maximum 24 hours*	++++	++++

++++ Homogeneous, no foaming and /or blistering

## Important

Projects and applications can vary greatly. Always contact your supplier if you have doubts about a certain application, choice of material or surface treatment.

All the technical information given in this technical information sheet is based on laboratory tests. Information can change, depending on the conditions.

## Legal notification

The information and, in particular, the recommendations concerning the application and final use of Prokol products is issued in good faith based on Prokol's current knowledge and experience of products that are correctly stored, handled and applied under normal conditions.

In practice, the differences in materials, surfaces and local conditions are such that no guarantee can be given concerning the marketability or suitability for a certain objective, nor can any liability arise from any legal relationship based on this information, nor from any written recommendations or other advice that is given. The property rights of third parties must be respected.



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Liquid synthetic materials for a sustainable future

# Rocathaan Filler **GF-400**

Prokol guarantees that its products are free from manufacturing faults. Multi-component products are a finished product once the components have been mixed and processed. When mixed and processed correctly, the product will achieve the specifications given. Prokol can only guarantee the product when surfaces are processed and pre-treated correctly.

All orders are accepted under the current sales and delivery conditions. Users must always refer to the most recent product safety information sheet and product information sheet for the product concerned.

Copies of the most recent editions are provided upon request and are available at [www.prokol.com](http://www.prokol.com).

The publication of this product information sheet makes all previous product information sheets for this product invalid.

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