

# Rocathaan Sealant PA 400-JS

## Description and application

High-quality, hand-applicable grouting mass based on solvent-free polyurea.

As filler for joints, dilatations and other seals that require a durable solution, including at gas stations, storage and transshipment facilities, and floors in petrochemical industries.

## Article number and packaging

19525-10	10 kg set
15525-20	20 kg set

## Properties

- Large range of layer thickness
- High mechanical resistance
- High chemical resistance
- Permanently water-resistant
- Vapor-open
- High tear resistance

Elongation	± 600% (DIN 53504)
Tensile strength	± 8,2 MPa (DIN 53504)
Shore hardness	A80 ± 5 (DIN 53505, ASTM D2240)

## Resistance

Against fuels in general	: Excellent
Against lyes in general	: Excellent
Against acids	: Spilling effects allowed

Always ask for advice in the event of chemical loading. Discolouration may occur due to the action of chemicals, high temperature, UV light (especially for the colour white). Such a colour change is not detrimental with regard to the technical properties and durability of the product.

## Properties liquid product

Colour	Concrete-grey
Density	1,06 kg/l mixed product
Volume solids	>96%
Flash point	>100 °C
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost. Products should always be placed on pallets to avoid direct contact with the floor.

## Application information

Method	Hand applied, casting
Potlife**	Approx. 15 minutes
Tack free	Approx. 4 hours
Processing temp.	5 – 30 °C
Usage	1,06 kg/m <sup>2</sup> /mm
Mixing ratio	See the label on the packaging
Surface temperature	Min. +5 °C
Open time*	With the same product: Almost directly and max. within 24 hours Solvent free: min. 24 and max. 36 hours Solvent-containing: min. 3 and max. 36 hours. <i>Open times can decrease as the temperature rises. When exceeding the open time, the existing layer must be sanded and provided with a suitable primer.</i>

Chemical resistant*	After 3 x 24 hours <i>Each Prokol product has varying levels of resistance to specific chemicals. Chemical concentrations are complex and are strongly influenced by the environment and temperature. Contact Prokol technical support for specific recommendations.</i>
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Mechanical resistant*	After 24 hours
Dilution	Not permitted
Cleaning agent	Roca Cleaner N6500-P (equipment)

## Surface

For detailed information regarding surface pre-treatments, please consult the information sheet "Surface Pre-treatment".

## Application and circumstances

2-component products may only be applied when the relative humidity is less than 85%. The minimum surface temperature is +5 °C and the temperature of the surface to be treated and the uncured product must be 3° C above the dew point. See the dew point table.

Aromatic products are not fully colour/UV-proof and will slightly discolourise when exposed to UV light. If this is not desired, adding a aliphatic topcoating as finish layer based on the elasticity of this product is advised.

## Mixing instructions

Rocathaan Sealant 400-JS is a typical product. The product consists of a transparent base material and a coloured hardener. These need to be mixed carefully until a homogeneous mixture of an even colour has formed.

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



Tel. +31 (0)85 78 200 20  
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2-component products must always be mechanically mixed, preferably with a continuously adjustable mixing machine on low speed (300 – 400 RPM) or other suitable mixing equipment. Use a clean mixing rod which matches the size of the container. Mixing too fast and too long should be avoided in order to minimise air entrapment.

First mix component A and component B until it is a homogenous mixture. Pour a part of the mixture back in the harder can and mix to include all harder materials. Afterwards, pour this mixture back into the base can and mix again until it is a homogenous mixture.

When mixing parts, both components must be mixed separately and carefully and weighed accurately.

## 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.

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.

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).

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\*\* At 1 kg and 20 °C product.

All our deliveries, acceptance of assignments, communications, advice, and agreements are subject to our general terms and conditions of delivery, filed with the Chamber of Commerce in Eindhoven under number 52327159. Any other terms and conditions are hereby expressly rejected.

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



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