



**RAMSAUER®**  
**DICHTSTOFFE**

# 420 KACHELOFEN

(Tile Stove)

- Permanent elasticity: 10%
- Shore hardness: ~ 40 (DIN 53505)
- Processing temperature: +5°C to +35°C
- Temperature resistance: - 20°C to +180°C
- Density: 1.5 g/cm<sup>3</sup> (ISO 1183 method B)
- Storage life: 12 months in a cool and dry place, protect from frost
- Colours: according to current colour chart
- Packaging: 310ml cartridges

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## Characteristics

420 KACHELOFEN is a temperature resistant plasto-elastic joint sealant on an acrylate basis **ready for use** with excellent adhesion to stove tiles and any and all absorbent substrates.

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## Application

420 KACHELOFEN is particularly suitable for filling cracks in tile stoves and for joints between tile stoves and brickwork etc.

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## Processing

Remove any loose parts. The substrate must be solid, dry, and free from dust, grease and oil. Cut off the cap of the threaded nipple of the cartridge in a straight line. Screw the spray nozzle onto the cartridge and cut the nozzle at an angle according to joint width. Fill the joints completely by means of the nozzle cut to size, and subsequently pass over and consolidate the joints with a spreader or with a sponge. Remove any excess compound carefully with clean water. A rough surface can be produced approx. 20 minute later by means of a moist brush or sponge.

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## Attention

420 KACHELOFEN is water-soluble until a solid skin has formed (i.e. for approx. 24 hours). The tile furnace must not be heated before the sealant has cured completely (2-3 weeks).

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## Limitations of application

420 KACHELOFEN must be protected against the effects of humidity or solvents until a solid skin has formed (for approx. 24 hours) and can be covered with a paint coat according to DIN 52452 after approx. 24 hours. The sealant should be chosen according to the intended paint coat if possible. The product is compatible with most aqueous paints. However, in view of the wide variety of paint systems on the market we recommend testing the sealant and paint for compatibility. Covering the joint with a paint coat too early or expansion of the joint may cause cracks in the paint coat.

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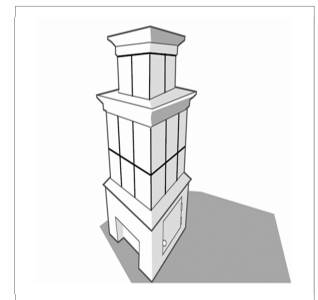
## Protection at work and health protection

Avoid swallowing the product and avoid any prolonged or repeated skin contact. Keep out of the reach of children. Ask for our Safety Data Sheet!

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## Safety advice

Refer to our current EC Data Sheet. Data sheets are available at any time on our website [www.ramsauer.at](http://www.ramsauer.at).





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### **Advice for application**

Ensure sufficient ventilation during processing and curing. In view of the large number of factors which may affect processing and application the user must always try the specific application in an experiment before using the product. Take into account the expiry date of the product. The product is not suitable for gluing full areas. The curing time increases with the thickness of the layer. Before using the sealant in layers of more than 15 mm get in touch with our application engineering department. Acrylates change colour during curing/drying. The product will reach its final colour only after having dried completely. Storage and/or transportation of products at increased temperature/air humidity for a prolonged period of time (several weeks) may result in a reduction of storage life and/or changes of characteristics of the product.

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### **Liability for defects**

The information provided including but not limited to the proposals for processing and using our products are based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence. Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date. Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website [www.ramsauer.at](http://www.ramsauer.at) at any time.