



**RAMSAUER®**  
**DICHTSTOFFE**

# 420 KACHELOFEN

**(TILE STOVE)**

**1-component sealant on an acrylic dispersion basis**

## TESTS, COMPLIANCE WITH STANDARDS

**Meets the French VOC-requirements for class A+**

## TECHNICAL DATA

Basis: Acrylate dispersion  
Skin over time: ~ 5 min. (23°C/50 % relative humidity)  
Curing depth: ~2 mm/24 hours (at +23°C / 50 % relative humidity)  
Density: ~ 1.54 (EN ISO 1183-1)  
Shore hardness: ~ 40 (DIN 53505)  
Shrinkage: ~ 18% (EN ISO 10563)  
Sag resistance: <3  
Elongation at break: ~ 31% (EN ISO 8339)  
Processing temperature: +5°C to 35°C  
Temperature resistance: -20°C to +180°C  
Storage life: 18 months in a cool and dry place, protect from frost  
Colours: according to current colour chart  
Packaging: 310ml cartridges

## 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.

## APPLICATION

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

## PROCESSING

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

## ATTENTION !

420 KACHELOFEN must be protected against the effects of humidity and solvents until a solid skin has formed (approx. 24 hours). Theoretically, the product can be covered with a paint coat according to DIN 52452 after 24 hours. However, in order to prevent cracks in the paint coat it is advisable to apply the

## LIMITATIONS OF APPLICATION

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

## SAFETY ADVICE

Consult the current EC Safety Data Sheet which is available at any time on our website at [www.ramsauer.at](http://www.ramsauer.at).



spreader or with a sponge. Remove any excess compound carefully with clean water. A rough surface can be produced approx. 20 minutes later by means of a moist brush or sponge.

paint only after the sealant has cured completely. The tile stove must not be heated before the sealant has cured completely (2 - 3 weeks). This joint sealant must not be used for the joints of the stove door.

expansion of the joint may cause cracks in the paint coat. Heating the stove before the sealant has cured completely or heating at an excessive temperature may cause discolouration of the sealant.

## 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. Consult the Safety Data Sheet.

## 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. This sealant is not suitable for full surface bonding. The curing time increases with the thickness of the layer. Before using the sealant in layers with a thickness 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.

## LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is 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).



## QUALITY YOU CAN RELY ON

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