

## SILCAWOOL

**SILCAWOOL** is a high temperature fibre with an increased bio-solubility and is therefore an alternative to the well-known aluminium silicate wool (ceramic fibre). It is made of spun fibres based on calcium magnesium silicate. They are characterised by high thermal stability, high tensile strength as well as good elasticity. Due to the high bio-solubility, they are not classified as dangerous material.

## SILCAWOOL Fibres

**SILCAWOOL Fibres** are finished into mats, boards, paper and cords or delivered as loose wool..

## SILCAWOOL 120 Paper

**SILCAWOOL 120 Paper** contains an acrylic bonding agent. Apart from the standard products, we also deliver ready-cut strips with an organic self-adhesive film on one side for easy installation. These strips are primarily used as elastic separator between the refractory material and the metallic built-in components, such as, support frames.

Product details		
SILCAWOOL 120 paper	Size in mm	EAN
	1,000 x 10,000 x 3	4262491490746
	1,000 x 10,000 x 4	4262491490753
Strip size (self-adhesive)	1,000 x 10,000 x 5	4262491490760
	10,000 x 50 x 5	4262491490784
	10,000 x 35 x 5 (Other sizes possible upon request)	4262491490777

The properties mentioned are typical values from series tests, which were determined according to recognised test methods. Material and product-specific variations must be taken into account. The information does not indicate assured properties and cannot be used for a guarantee. We reserve the right to make technical changes.



## SILCAWOOL 120P Bio-soluble mats and strips

SILCAWOOL Mats are characterised by good tensile strength, are sewed on both sides and have no organic bonding materials, which can cause unpleasant odour. They provide a certain amount of elasticity, for example, as expansion gap between hot gas flues and tiled wall or other movable components.

### Product details

Classification temperature		1,200 °C
Bulk density (± 10 %)		128 kg/m <sup>3</sup>
	Size in mm	EAN
Mats	14,640 x 610 x 13	4262491490715
	7,320 x 610 x 25	4262491490722
	5,500 x 610 x 6	4262491490708
Strips	5,500 x 50 x 6	4262491490791

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## SILCAWOOL 130G Mastic

**SILCAWOOL 130G Mastic** is a ready-to-use, air-drying filler with bio-soluble AES fibers. Due to its high bio-solubility, it does not require classification as a hazardous substance. **SILCAWOOL 130G Mastic** is suitable for the repair, coating, and bonding of fiberboards, sealing joints and gaps in heating gas pipes, sealing cracks in furnace linings, and joints between metallic and ceramic components.

Application instructions: apply a primer layer diluted with water on absorbent substrates, air-dry at room temperature for approximately 12-24 hours, then pre-dry up to 80°C.

Product details	
Upper application limit temperature	1,300 °C
Color	Grey
Shelf Life	At least 9 months in unopened packaging when stored at temperatures between +5 °C and +25 °C
Processing temperature	20 - 25 °C
Packaging	310 ml cartridge
EAN	4262491491200

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