

## SILCAWOOL AST

**SILCAWOOL AST** are fittings for chimneys made of bio-soluble SILCAWOOL fibre. Due to their special shape, the fittings adapt perfectly to the inner fireclay pipe in the chimney and can also be easily processed with the cutter knife. The enlarged opening on the side of the furnace enables the introduction of a double wall lining. Installation takes place in consultation with the responsible Master chimney sweep.



Product details			
Classification temperature		°C	1,100
Continuous application temperature (max.)		°C	950
Bulk density		kg/m <sup>3</sup>	350
Colour			Beige
Linear shrinkage after 24 h at	1,000 °C	%	1.5
	1,100 °C		< 3.0
Average specific heat capacity	20 – 1,000 °C	kJ/ (kg K)	1.04
Thermal conductivity $\lambda$ at $t_m$	400 °C	W/ (m K)	0.20
	600 °C		0.25
	800 °C		0.29
	1,000 °C		0.32
Chemical analysis guidance value	Al <sub>2</sub> O <sub>3</sub>	%	10*
	SiO <sub>2</sub>		61
	Fe <sub>2</sub> O <sub>3</sub>		< 0.5
	CaO		25
	MgO		3
Flue pipe connector dimensions	for Ø 130 mm	mm	100 x Øi145 x Øa195
	for Ø 150 mm		100 x Øi165 x Øa225
	for Ø 160 mm		100 x Øi175 x Øa225
	for Ø 180 mm		100 x Øi195 x Øa245
	for Ø 200 mm		100 x Øi215 x Øa265
EAN	Ø 130 mm		4262491490807
	Ø 150 mm		4262491490814
	Ø 160 mm		4262491490821
	Ø 180 mm		4262491490838
	Ø 200 mm		4262491490845

\* This aluminium oxide content is only present in the binding agent and filler materials, i.e., not in the SILCAWOOL woollens.

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.

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