

## 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 1,100 °C	%	1.5 < 3.0
Average specific heat capacity	20 – 1,000 °C	kJ/ (kg K)	1.04
Thermal conductivity $\lambda$ at tm	400 °C 600 °C 800 °C 1,000 °C	W/ (m K)	0.20 0.25 0.29 0.32
Chemical analysis guidance value	Al <sub>2</sub> O <sub>3</sub> SiO <sub>2</sub> Fe <sub>2</sub> O <sub>3</sub> CaO MgO	%	10* 61 < 0.5 25 3
Flue pipe connector dimensions	for Ø 130 mm for Ø 150 mm for Ø 160 mm for Ø 180 mm for Ø 200 mm	mm	100 x Øi140 x Øa180 100 x Øi160 x Øa200 100 x Øi170 x Øa210 100 x Øi190 x Øa230 100 x Øi210 x Øa250
EAN	Ø 130 mm Ø 150 mm Ø 160 mm Ø 180 mm Ø 200 mm		4262491490807 4262491490814 4262491490821 4262491490838 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.

**SILCA Service and Sales Company for Insulation Materials mbH**

Elberfelder Str. 200a, 40822 Mettmann

Telefon: +49 2104 9727-0 | Fax: +49 2104 76902 | [info@silca-online.de](mailto:info@silca-online.de) | [www.silca-online.de](http://www.silca-online.de)

