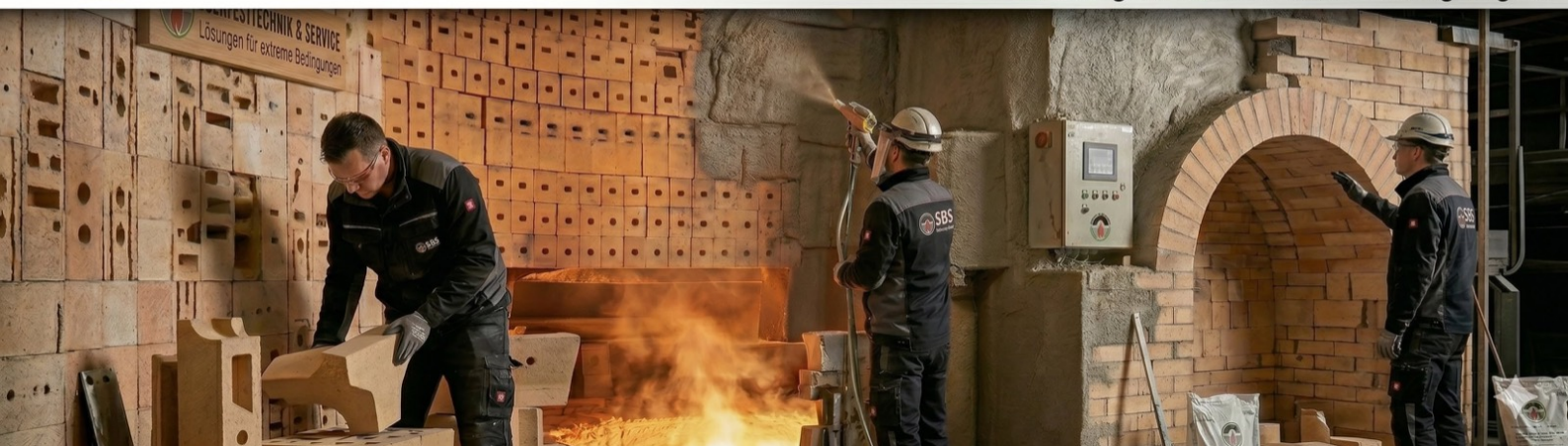




MATERIAL DATA SHEET · Issue 08/2026

SOLUT Paper ST · HA · BW

Product description

Ceramic fibre paper is a lightweight, fire-resistant material made from a fibre blend of aluminium oxide and silicon dioxide, processed into flexible, uniform sheets. The arrangement of the fibres in the organic binder and the paper thickness are carefully controlled. The binder burns out completely after some time. The paper is very flexible, easy to cut, has a smooth surface and is very well suited for sealing.

Product designation	SOLUT ST PAPER	SOLUT HA PAPER	SOLUT BW PAPER
Classification temperature (°C)	1260	1350	1200
Typical chemical analysis (%)			
Al ₂ O ₃	42–47	44–50	—
SiO ₂	52–57	49–55	62–68
CaO	—	—	26–32
MgO	—	—	4–7
Colour	white	white	white
Density (kg/m ³)	200	240	200
Tensile strength (kPa)	0,4	0,7	0,3
Loss on ignition (%)	≤ 10	≤ 6	4–8
Thermal conductivity (W/m K)			
200 °C	0,06	0,06	0,05
400 °C	0,09	0,08	0,07
600 °C	0,13	0,13	0,11
800 °C	0,20	0,19	0,15
1000 °C	—	0,29	0,23
1200 °C	—	0,43	—

For precautions and health hazards when processing SOLUT Paper, please refer to our safety data sheet.

All technical data given are approximate values. They are based on the evaluation of tests on specific samples and have been presented and described to the best of our knowledge. Due to the manufacturing process, deviations in product properties cannot be excluded. They are therefore not to be construed as a warranty for which SBS Refractory Service GmbH assumes legal liability. We reserve the right to make technical changes in the light of new findings; errors and misprints excepted.

Questions about selection, installation or availability?

Reply within 24 hours on working days.

info@sbs-rs.de

+49 89 541 960 200

Product page: www.sbs-rs.de/en/materialien/keramikfaser