

# Technical Data Sheet

## Fibre Board SW IP 850

**Description:** *Fibre Board SW IP 850*, a Paper-similar product of non-combustible, inorganic filaments for heat and fire protection based on alkaline-earth silicate fibre, asbestos-free.

*Fibre Board SW IP 850* can be used as an insulation of ladles and induction furnaces.

Moistened with water, *Fibre Board SW IP 850* can be adjusted to bumps. After drying, it returns in its original initial stability.

**Delivery form:**

Thickness:	2 / 3 / 4 / 5 / 6 / 8 / 10 mm
Width:	1,000 mm ± 10%
Length:	1,000 mm ± 10%



<u>Technical Data</u>	
Colour:	Grey
Density:	910 kg/m <sup>3</sup>
Tensile strength:	2.5 N/mm <sup>2</sup>
Thermal conductivity: at 400°C at 600°C at 800°C (DIN 52612)	~ 0.10 W/(m·K) ~ 0.11 W/(m·K) ~ 0.13 W/(m·K)
Temperature limit of application:	850 °C
Loss on Ignition:	~ 18 %
Permanent Linear Shrinkage at 850°C after 24 hours:	< 2 %

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**Conformity:**

Regulation **(EC) No 1907/2006** concerning the Registration, Evaluation, Authorization and Restriction of Chemicals **(REACH)**

Directive **2011/65/EU** on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment **(RoHS)**

Full details can be found in our certificates and declarations of conformity.

**Note:** These technical data are average results of laboratory tests conducted under standard procedures and are subject to variations, and do not constitute a warranty or representation for which we assure legal responsibility.