

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:	1,250 mm ± 10%



<u>Technical Data</u>	
Colour:	Grey
Density:	910 kg/m ³
Tensile strength:	2.5 N/mm ²
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.

The above information, which is based on our current knowledge and experience, is intended to describe our product with regard to any safety requirements but does not constitute a warranty or guarantee of any properties.