



Generally guiding rules for processing with **MASTIC – Type FIBERPLAST-1800**

Description:

Mastics are plastic deformable compounds made from ceramic- or mineral-fibre and an inorganic-binder. It is supplied premixed and ready for use. It hardens irreversible and can be used up to 1800 °C constant load.

Application:

Basically for all matters of isolation, which are exposed to a mechanical wear as e.g. “Runner troughs, ladle linings, feeder” for gearing of recently drawn glass but also for protection of fiber linings.. Moreover suitable as a repair substance to existing “stone or refractory concrete walls” to prevent further destruction caused by rapidly varying temperature.

Fitting:

The application of FIBERPLAST-1800 depends on the special case of isolation; either with one’s bear hands (e.g. small troughs of different radius) or with a surfacer/spatula. We recommend to smooth the visible surface after the complete application of the insulating layer with Mastic in order to avoid possibly occurring wash-outs.

Whenever operating with types of FIBERPLAST-1800 you should use rubber-gloves because of a slight alkaline character of the economic binder.

Drying:

At a regular thickness of the layer resp. up to a thickness of about 30mm dry at 105 °C-140 °C for about 6-9 hours.

A irregular wall thickness resp. more than 50mm dry up for about 4 hours at 80 °C, afterwards at 120 °C-140 °C for about 6-9 hours.

In case of cracks, caused by faster drying, there is no problem to put new mastic into the grooves and dry it again. The strength and other physical properties will no change.

It is also possible to use FIBERPLAST-1800 on hot surfaces of feeders (glas) on forheath.

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