



Fiber Plast insulation-repair mass

The **Fiber Plast** mass is delivered in dry bulk form and after moisturization with water and mixing produces use-ready uniform consistency with good lubricity and adhesion.

Characteristics:

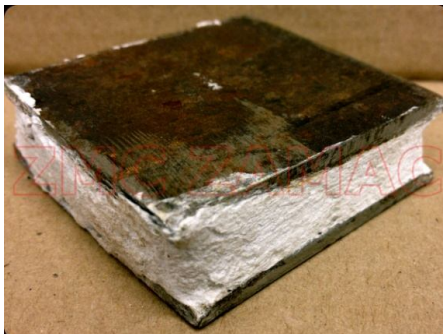
- good plasticity and lubricity
- low shrinkage in the drying and firing process
- resistant to sudden temperature changes
- doesn't crack or peel
- in most applications ready for work after drying
- good adhesion to most substrates
- suitable for mechanical processing
- fills hard-to-reach areas very well

Application:

- protection and repair of the covers of foundry ladles
- insulation of a foundry ladle - first layer from the surface
- thermal protection of steel structures
- protection for refractory fiber insulation modules
- filling of the doors, sight glasses and manholes of heating boilers
- thermal insulation of tanks or protective layers exposed to temperature
- insulation of cable trays, electric cables, flues
- insulation of casting runners for non-ferrous metals
- repair of damaged and worn linings of heating units
- preparation of various types of seals
- refractory mats stiffening agent
- thermal insulation of the inductors in induction furnaces
- manufacture of insulation fittings
- prevents the defibration of linings
- recommended in the embedding of burners
- replacement for refractory cardboard
- protection for materials with a lower temperature classification

Methods of application:

putty knife, trowel





	Fiber Plast mass	
	FP-A	FP-B
Use temperature [°C]	1260	1350
Parameters of masses fired in the use temperature:		
Apparent density kg/m ³	500	500
Compressive strength [MPa]	0.8 - 2	0.8 - 2
Linear shrinkage %	1	1
Thermal conductivity [W/m K] in the temperature:		
400 °C	0.11	0.12
800 °C	0.15	0.16
1200 °C	0.22	0.22

Price: 27 PLN/kg net.

Packaging: plastic pails.

Consumption: approximately 0,7 kg of the product is required to fill 1dm³.

Drying: room temperature or higher.

Mass ready to use without air access 6 months

