

Binder 2D-L Technical Data Sheet

The binder of the 2D-L grade is used for the production of phenol-free taphole masses for closing the tapholes of blast furnaces.

This binder can be used for the production of taphole masses for large and medium blast furnaces, as well as for small compact blast furnaces.

This binder is absolutely safe both in the production of taphole masses and in their operation. The binder does not contain coal pitches, phenolic resins and other carcinogenic substances.

This binder is based on complex organomineral compounds that allow the taphole masses to maintain a plastic state for up to 12 months. When fully sealed, the taphole masses prepared with 2D-L binder retain their properties for over 24 months.

As a filler for taphole masses, both refractory oxide powders and oxygen-free materials, including carbon in all its forms, as well as carbides and nitrides, can be used.

This binder can be used to produce plastic repair masses and shotcrete masses for hot and cold repairs of thermal and steel-producing units.

Product information:

2D-L - non-flammable complex organomineral binder.

Color - slightly transparent liquid without sediment.

Density g/cm ³ at 200 ⁰ C	1.3 – 1.4
pH at 200 ⁰ C	6.9 – 8.2
Viscosity cP at 200 ⁰ C	550-850
Storage temperature:	from -5 to +40 ⁰ C
Shelf life:	24 months