

EXOSOL MO

COATING FOR FORMS AND CORES

DESCRIPTION

EXOSOL MO is an alcohol based coating intended to manganese steel with high fire refractoriness.

Approximate composition: ≈ 80% fire temperance filling (Mg-, Al- (silicate, magnetize)
 ≈ 1% liquefiable synthetic connectors
 ≈ 19% organic smelt (isopropanol)

USE

Coating is specially intended to protect forms or stones by infusing manganese steels. It can be applied to all kinds of forms or cores made by different procedures (CO₂, furan, Croning, etc). Coating is resistant to manganese steel erosion. It contains mainly inorganic components and it is resistant to thermo shocks. It does not crack and it has good wear resistance.

PREPARATION

The delivery viscosity of coating is making possible depositing with brush, which we otherwise recommend. For depositing with overflowing or spurting we dilute it with **EXO COATING RAZREDČILO** in viscosity of about 20s to 4 DIN 53211th. Use of ethanol or thinner with more percentage of water is not recommended and it does not guarantee demand quality. We dry the coating on the air, in dry furnace to temperature about 100°C, or by burning it. We deposit it in thick stratum, but we have to be careful that all surfaces are coated. In case some surfaces are not coated, melt breakthrough can occur and casting errors happens.

PACKAGING

We pack **EXOSOL MO** in metallic buckets at 30 kg net each (660 kg per pallet, wrapped with PVC foil).

STORAGE AND TRANSPORT

EXOSOL MO must be protected against atmospheric effects during transport and storing. It must be stored in tightly closed containers in well-ventilated spaces. It must not be exposed to direct sunlight. In it's surrounding no ignition sources are allowed, smoking and use of open fire is not allowed as well.

According to the European regulation for international road transport, **EXOSOL MO** is a dangerous substance. It is classified in ADR Class 3, packing group II. Amount allowed to be carried by vehicles without ADR equipment is 333 kg max.

PROPERTIES

Physical state	red - brown paste
Specific density	1,8 - 2,0 g/cm ³
Dry matter	73 - 75 %
Viscosity	1400 – 2000 mPas