

TERMOTOP US

EXOTHERMIC MATERIAL

DESCRIPTION

TERMOTOP US is a universal powdery red colored exothermal material, which can be well shaped. Its composition assures a clean separation from metal after the application. In spite of relatively fast burning its efficiency with bigger feeders is better than with materials having longer burning times since much less heat is needed for the ignition.

USE

TERMOTOP US is applied for preparing exothermic linings up to 400 mm diameter in feeding gray cast iron and cast steel. Lining thickness is 1/5 to 1/8 of the diameter. Greater thicknesses are not economic. We mix it with water and binder before blowing with CO₂.

PREPARATION OF MIXTURE

1 to 2 % water is added to the powdery material and mixed for two minutes. Then 7 to 8 % soda-water glass is added and mixed again for 2 minutes.

The shaped mixture is blown with CO₂ to a desired strength.

Eventual drying of the blown lining at 100 to 120°C increases the strength and enables a longer storing of sleeves. Un-dried sleeves must be used within two days.

PACKING

TERMOTOP US is packed in natron sacks with polyethylene sacks inside at net 40 kg each. It is transported on pallets, wrapped with foil, at 1000 kg.

STORING AND TRANSPORT

TERMOTOP US is stored in dry stores. Packaging must be well closed. No ignition sources, open fires and smoking are allowed in its surrounding.

According to the European regulations for international road transport of dangerous goods, **TERMOTOP US** is not a dangerous substance.

PROPERTIES

Physical state	red powder
Burning speed	1,5 to 2 cm/min
Permeability	150 - 450 GF
Burning time (3 cm)	120 s max
Moisture content	0,5 % max