

# TERMOTOP UH

## EXOTHERMIC MATERIAL

### DESCRIPTION

**TERMOTOP UH** is a fast burning exothermic powdery material of red color which can be well shaped, and its composition ensures a clean separation from metal after the application. Due to fast burning and low heat consumption for own ignition it is recommended in casting special alloys with endogenous mushy-type hardening process.

### USE

**TERMOTOP UH** is applied for preparing exothermic linings up to 300 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. It is mixed with water and binder, before blowing with CO<sub>2</sub>.

### INSTRUCTIONS FOR USE

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

The shaped mixture is blown with CO<sub>2</sub> 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 applied at least in two days.

### PACKING

**TERMOTOP UH** 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 UH** 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 UH** is not a dangerous substance.

### PROPERTIES

Physical state	red powder
Burning speed	1,8 to 2,5 cm/min
Permeability	100 - 400 GF
Burning time (3 cm)	70 – 100 seconds
Moisture content	0,5 % max