

# EXO COATING ZBBE

## COATING FOR MOULDS AND CORES

### DESCRIPTION

**EXO COATING ZBBE** is a spirit-based dressing with a zircon filling. Its characteristic is a high refractoriness.

Approximate composition:    ≈ 65 % zircon silicate filling  
                                      ≈ 7 % refractory fillings (Al- and Mg- silicates)  
                                      ≈ 1 % dissolved synthetic binder  
                                      ≈ 27 % organic solvents (IPA, ethanol)

### USE

Dressing is applicable for moulds and cores bonded with all kinds of binders. It is useful for casting steel casting, cast iron, malleable iron and ferrous metals.

### ACTION

Dressing contains mainly inorganic binders. It liberates only a small amount of gases, has a good wear resistance, and its sedimentation is very low.

### PREPARATION

Delivery viscosity of the coating allows the application with a brush. To apply the immersion or spraying, we have to dilute it with EXO COATING diluent (isoporpanol is allowed as well) on the viscosity of about 15 with 4 DIN 53211.

### PACKING

**EXO COATING ZBBE** is packed in metallic buckets net 40 kg each (880 kg on the wooden pallet wrapped with foil) or in metal containers at around 1500 kg.

### STORING AND TRANSPORT

**EXO COATING ZBBE** must be protected against atmospheric precipitation's in transport and storing. We store it in tightly closed containers in well ventilated areas. It must not be exposed to direct sunlight. No ignition sources, smoking and open fires are allowed in the surrounding.

According to the European regulations for international road transport of dangerous goods, **EXO COATING ZBBE** is a dangerous substance. It is classified in ADR Class 3, packing group III. Amount allowed to be carried by vehicles without ADR equipment is max. 1000 kg.

### PROPERTIES

Physical state:	white paste with the smell of alcohol
Boiling point:	78 - 82°C
Flash point:	12°C
Explosion limits in air:	2 - 15 vol.%
Density:	1,9 – 2,2 g/ cm <sup>3</sup>
Dry matter:	min. 69 %
Sedimentation in 24 hours:	max. 3 %