

# EXO COATING EP - 02

## ALCOHOL BASED COATING FOR CORES AND MOULDS

### DESCRIPTION

**EXO COATING EP - 02** is a special alcohol - based dressing. Its characteristic is a good refractoriness and a wide range of applications.

Approximate composition:    ≈ 60 % refractory filling (Zr-, Al-, Mg-silicates)  
                                      ≈ 1 % dissolved synthetic binder  
                                      ≈ 39 % organic solvents (Isopropylalcohol, ethanol)

### USE

Dressing is applicable for large and small moulds and cores bonded with various kinds of binders. When it is used as a basic dressing and covered with **ZBBE** or **ZP** zircon dressing, it can be successfully used also for casting the heaviest steel castings. As an independent dressing it is used in castings of gray cast iron and nodular graphite cast iron.

### ACTION

Dressing liberates only a small amount of gases, it does not crack, has a good wear resistance and a very low and slow sedimentation. Therefore it can be successfully used for simple dressing with dipping. It is insensitive for thermal shocks.

### PREPARATION

Dressing viscosity at delivery is ready for brushing. When dipping or spraying is applied, the dressing must be diluted with **EXO COATING RAZREDČILO** to the viscosity of about 20 s 4 DIN 53211.

### PACKAGING

**EXO COATING EP - 02** is packed in metallic buckets at net 35 kg each (22 cans per pallet wrapped with PVC foil = 770 kg).

### STORING AND TRANSPORT

**EXO COATING EP 02** 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, **EXO COATING EP 02** 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 1000 kg max.

### PROPERTIES

Physical state	blue paste with alcoholic odor
Density	1,4 – 1,7 g/cm <sup>3</sup>
Viscosity	30 – 60 s 4 DIN 53211
Dry matter	61 - 68 %
Sedimentation in 24 hours	6% max