

EXO COATING 31 W

COATING FOR MOULDS AND CORES

DESCRIPTION

EXO COATING 31W is a spirit-base dressing with silicate filling.

Approximate composition: ≈ 55 % refractory filling (Mg silicates, TiO₂)
 ≈ 1 % dissolved synthetic binder
 ≈ 44 % organic solvents (IPA, ethanol)

USE

Dressing is applicable for all the moulds and cores in casting aluminium and its alloys, as well in casting light castings of gray cast iron.

ACTION

Dressing contains mainly inorganic binding agents. It liberates only a small amount of gases; it does not crack and has a good wear resistance. It is insensitive for thermal shocks.

PREPARATION

Dressing is already diluted to a suitable viscosity for brushing. For dipping or overpouring, it must be further diluted with small amount of **EXO COATING RAZREDČILO**. Dressing is dried by burning it or in air.

PACKING

EXO COATING 31 W is packed in metallic drums at net 30 kg each (22 cans per pallet, wrapped with PVC foil (660 kg)).

STORING AND TRANSPORT

EXO COATING 31 W 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 its 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 31 W** 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 | white paste with alcoholic odor |
| Viscosity | 30 - 40 s 4 DIN 53211 |
| Dry matter | 62 % min |
| Sedimentation in 24 hours | 3 % max |