

VEZIVO MX - R

SILICATE BINDER FOR CO₂ PROCESS

DESCRIPTION

VEZIVO MX-R is the mixture of a quality water glass and same organic substances. It gives solid and existing CO₂ moulds or cores which can decompose well after pouring. It does not contain any un-dissolved sodium silicate and therefore it has a permanent quality.

USE

4.5 to 5.5 % of **VEZIVO MX-R** is added to the washed and dry quartz sand with its middle size between 0.22 in 0.35 mm and mixed for 2 - 3 minutes. Moulds or cores must be blown with heated CO₂ for 15 - 30 sec. Moulds and cores made this way have a long existence and they are not dropping out when they are stored for few days. Their strength still increases in first couple of hours after blowing. Sand-mixture contains a low portion of moisture, which is one of conditions making the un-porous castings.

We recommended the use of **EXO COATING** dressings for smoother furnaces of castings.

THE ADVANTAGES OF USE

VEZIVO MX-R already contains some additives for sand decomposition. Therefore it is not needed to provide some other additives for a better decomposition. Using **VEZIVO MX-R** simplifies the procedure. After casting, castings can be cleaned easily, because moulds and cores made with **VEZIVO MX-R** decompose very well.

PACKING

VEZIVO MX-R is packed in metallic barrels at net 300 kg each, in buckets at net 25 kg each or in PVC containers at 1450 kg.

STORING AND TRANSPORT

VEZIVO MX-R should be stored indoors at normal temperatures. **VEZIVO MX-R** should not be exposed to heat sources above 50°C or to the temperatures under freezing point.

According to the European regulations for international road transport of dangerous goods, **VEZIVO MX-R** is not a dangerous substance.

PROPERTIES

Physical state	color-less liquid without odour
Module	2,30 - 2,50
Viscosity at 20°C	20,0 - 35,0s (6DIN 53211)
Density at 20°C	1,48 – 1,51 kg/dm ³