

VEZIVO MX - 11

SILICATE BINDER FOR CO₂ PROCESS

DESCRIPTION

VEZIVO MX-11 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

3.5 to 4.5 % of binder **VEZIVO MX-11** 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 longer 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 ADVANTAGE OF USE

VEZIVO MX-11 already contains some additives for sand decomposition. Therefore it is not needed to provide any other additives for a better decomposition. **VEZIVO MX-11** simplifies whole procedure. After casting, castings can be cleaned easily, because moulds and cores, made with **VEZIVO MX-11** decompose very well.

PACKING

VEZIVO MX-11 is packed in metallic or PVC 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-11 should be stored indoors at normal temperatures. **VEZIVO MX-11** 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-11** is not a dangerous substance.

PROPERTIES

Physical state	color-less liquid without odour
Module	2,35 - 2,45
Viscosity at 20°C	min. 500 mPas (cP) / Brookfield 2/50
Density at 20°C	1,4 – 1,6 kg/dm ³