



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



RM 12 LIQUID

ANTIFREEZE

PRODUCT

Chloride-free liquid antifreeze for cement.

CHARACTERISTICS

Acceleration of the cement time of setting and hardening, significant increase of the initial mechanical resistance to 24 hours.
It does not corrode iron.

APPLICATION FIELDS

Realizations of concrete castings, preparation of mortars and laying of low temperature adhesives.

COMPATIBILITY

Concrete, adhesives and cement based mortar.

CONSUMPTION

1 - 2 % on cement weight.

PACKAGING

- 25 kg Jerrycans on pallet of 675 kg;
- 5 kg Jerrycans on pallet of 600 kg.

STORAGE

It can be stored 12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

The realization of concrete castings and the laying of low temperature adhesives, must be made with a specific antifreeze such as RM 12 Liquid by Edilcol Italia, chloride-free, due to 1 - 2% on cement weight.

PREPARATION

- Add the RM 12 liquid directly into the cement mixer together with the other components (sand, cement and water)
- Mix it until obtaining a homogeneous and plastic mixture.

APPLICATION

- Apply the product following the normal precautions required to the concrete and cement mortars.

RECOMMENDATIONS

Do not use freezing components taking care to store the cement in a covered environment and with temperatures higher than 5 ° C. Do not use melted cements, too slow, or at doses below of 300 kg/m³.

Preferably use cements Portland 42,5 and low relations water - cement. Avoid the application at temperatures below of -10 ° C or with this risk in the following 24 hours.

Protect the castings with bags or towels for not overly disperse the hydration heat inside of its mass.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

DATI TECNICI

Rev. 03 - 02/2016

Appearance:	Liquid light blue
Composition:	Additives
Bulk density:	≈ 1,0 kg/l
Brookfield viscosity:	≈ 5 mPa·s 100 rpm
pH:	≈ 8
Application temperature:	+ 5°C / - 10°C
Application data:	See the technical data sheets related to the used product
Storage:	12 months in its original packaging.
Technical data of products modified with RM 12:	Concrete castings
Compressive strength (3 days):	+ 30 %
Flexural strength (3 days):	+ 20 %
Contribution to smoking:	none
Hazard classification:	irritating (88/379 EEC)