



PRODUCT No.: 3.113

TECMA-HMF

CURING PRODUCT FOR CONCRETE AND FRESH MORTAR

CHARACTERISTICS:

TECMA-HMF is a milky white emulsion, which, applied on concrete or fresh mortar forms a film, just like the one formed by varnishes, which dries quickly and protects the concrete and mortar against quick water vaporisation during the beginning of setting, which is the most important period in its final characteristics. The use of **TECMA-HMF** has no influence in normal setting of concrete and mortar.

ADVANTAGES OF ITS USE:

TECMA-HMF prevents premature drying of concrete and fresh mortar, thus avoiding the possible consequences, such as: mechanical resistance reduction, ice resistance reduction, reduction of the resistance to salts from thawing, etc.

The use of **TECMA-HMF** makes unnecessary the ancient precautions such as covering the concrete with damp mats or cardboard, adding a coat of wet sand, covering it with non-permeable coats or frequently watering it.

USES:

The use of **TECMA-HMF** is recommended in all those types of new buildings where there are great concrete or fresh mortar surfaces, directly exposed to environmental agents, such as:

- Skating tracks
- Cycling centres
- Bearing walls.
- Great concrete slabs.
- Pre-tensed beams.
- Canals, floors, etc.

METHOD OF USE:

TECMA-HMF must always be applied as supplied, without mixture or dilution with other products, on concrete and fresh mortar surfaces, by hand or mechanical sprayers, forming a very fine and continuous film.

Two coats must be sprayed one immediately after the other, not letting the first film form before spraying the other.

The most suitable moment for applying **TECMA-HMF** is when the concrete surfaces start turning matt, which happens between half an hour and two hours after applying the concrete, depending on the temperature.



When **TECMA-HMF** is used in moulding, the application will be done immediately after unmoulding.

It's absolutely necessary to **shake** the containers of **TECMA-HMF** before using, in order to get a homogenous product. In some cases, it's necessary to make the product pass through a fine sieve, thus preventing sprayers blocking. Due to the good results, we recommend the use of our **TANKE-SPAYERS of 6 litres** when spraying **TECMA-HMF**.

YIELD:

With one litre of **TECMA-HMF** it's possible to treat 5 m² of concrete or mortar. In very hot weather or in presence of strong wind it's recommended to increase the dose about 20-30%.

NOTES:

TECMA-HMF must always be sprayed and never applied with brush, etc.

Never treat with **TECMA-HMF** surfaces which are to receive a subsequent treatment of rendering or a cement coating.

During the first three hours, protect the **TECMA-HMF** films from possible rains. After this time, the film is formed and loses its white colour, keeping the protection for three or four weeks.

STORAGE:

TECMA-HMF must always be stored protected from frost, in warm premises and always in the original containers tightly closed. It has a storage life of six months.

PACKAGING:

TECMA-HMF is supplied in 30 and 60 litres original and non-reusable containers

ADVANTAGES

- Avoids the need of coatings.
- Prevents water losses in fresh concrete.
- Forms watertight and weather resistant films.
- Improves concrete curing, keeping its properties.

ED.1994/1