



la marque
du bâtiment

HYDRO MAX NF*

CONCENTRATED MASS WATERPROOFING COMPOUND

Compliant with requirements EN 934-2: T.9

* New Formula

1. PRESENTATION

Mass waterproofing product for concrete, mortar, lime and cement-lime mortar, which inhibits the migration and penetration of water and protects these materials against the effects of moisture.

2. ADVANTAGES

- Very economical.
- Does not reduce mechanical strength.
- Does not alter the setting time.
- Chloride-free.
- Improves the quality of coatings.
- Reduces capillary rising damp and improves resistance to freeze/thaw cycles.
- Does not alter colours when using coloured or white coatings.
- Its plasticising capacity:
 - Limits the intensity of vibrations required for pouring shuttered concrete.
 - Prevents gravel pockets.
 - Embeds metal reinforcements perfectly.
 - Limits the risk of concrete splitting due to rust.
 - Prevents crazing.
 - Reduces the mixing water.
- Does not stain.
- Does not affect the setting time.

3. AREAS OF APPLICATION

HYDROMAX NF provides added tightness to levelling screeds, waterproof screeds, foundation concrete, tanks, interior linings...

HYDROMAX NF is used to protect buildings in contact with water, ground moisture, run-off water and water tables.

It is especially used in the following applications:

- Swimming pools.
- Vessels, cisterns.
- Sewers, pipes.
- Foundations.
- Parking lots.
- Underground concrete.
- Water towers.
- Waterproof coatings.
- Pavings, rafts.
- Stone jointing.

4. INSTRUCTIONS

Substrate preparation:

Substrates must be sound, clean, free of laitances, moss, lichen, oil and grease.
Remove dust and loose material.

Use:

Always follow water dosage.

Reduce the amount of water when aggregates are wet.

Increase the amount of water if aggregates are dry (e.g. limestone or porous type).

Outdoors (in case of strong wind or sunshine), apply **CURO PLUS** or **CURO SOLV** after execution.

Concretes and mortars can be coloured using **DORTHZ COLOR**.

*Make the necessary repairs to the substrate before application, fill cracks (**ACCRO FLEX NF**) and apply anti-rust (**PAINT M COVER**) on exposed metal parts.*

EURO DORTHZ PRODUCTION

42/44 rue Georges Besse — 63100 Clermont-Ferrand — FRANCE

Tel. +33 (0) 4 73 14 40 40 / Fax +33 (0) 4 73 14 40 44

Website: www.dorthz.com





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Typical dosage for a batch:

35 kg of cement
12 buckets of gravel-sand mixture
or 5 buckets of sand and 8 buckets of gravel
16 litres of water
HYDRO MAX NF 50 ml

For a mixer: 0.5 litre of **HYDRO MAX NF** per m³ of concrete for a dosage of 350 kg of cement (CPJ-CEM 1/A (D) 52.5 or 52.5 R).

Mixing time: 1 to 3 min per m³.

The incorporation of **HYDRO MAX NF** in the mixer shall be carried out at the worksite.

HYDRO MAX NF must always be added to the mixing water.

Incorporation: 2/3 of water, then cement, sand, gravel, then pour the remaining 1/3 of water with **HYDRO MAX NF**, leave to mix for 5 min once incorporation is complete.

Application:

Application conditions	: Compliant with standard EN 934-2
Minimum application temperature	: +5°C
Cleaning of the equipment	: Water (do not allow to dry)

5. CHARACTERISTICS

Appearance in container	: Milky white liquid
pH	: 7 ±1
Density	: 1.01 ±0.05 g.cm ⁻³
Cl ⁻ content	: < 1 g/L.
Shelf life	: 1 year in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

6. SAFETY OF USE

- See the product's Safety Data Sheet at www.quickfds.fr.
- Store away from frost.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

Product solely intended for professional use.

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