



la marque
du bâtiment

DORTHZ FLUID DOSE

PLASTICISING, WATER REDUCING, AIR ENTRAINING AGENT
COMPLIANT WITH STANDARD NF EN 934-2

1. PRESENTATION

DORTHZ FLUID is a **chloride-free** plasticising, water reducing and air entraining agent for cements, mortars and concretes. It helps improve the flexibility, malleability and adhesion of mixtures.

2. ADVANTAGES

- Prevents bubbling (honeycomb) and bleeding.
- Greatly reduces crazing, cracking, the effects of repairs and slight differences in hue.
- Improves the homogeneity of mixtures.
- Facilitates the transport of concrete and mortar.
- Facilitates the implementation of concrete and increases its strength.
- Improves the workability of concrete.
- Allows for better pouring.
- Steel reinforcements will be more easily embedded.
- Mortars will be more flexible and thixotropic.
- More easily moulded.
- Does not affect the setting time.
- Compatible with antifreeze.
- Improves resistance to frost.
- Reduces the water/cement ratio.
- Solvent-free and chloride-free.
- Ideal complement to all types of fibres.
- Economical.

3. AREAS OF APPLICATION

DORTHZ FLUID is recommended to improve the workability of:

- Thin and highly reinforced works,
- Concretes
 - reinforced and prestressed,
 - sprayed or pumped,
 - precast,
- Grout,
- Concreting using sliding formwork.
- Jointing.
- Screed.
- Mortar.
- Fillets.
- Façade coatings.
- Construction mortar.

4. INSTRUCTIONS

DORTHZ FLUID must always be incorporated in the mixing water.

Reduce the mixing water by 15%.

The average dose is 20 g for 35 kg of cement.

Once the aggregates (sand, cement, gravel) are incorporated, add water if necessary.

Continue mixing for 3 to 5 minutes.

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





la marque
du bâtiment

DORTHZ FLUID DOSE

PLASTICISING, WATER REDUCING, AIR ENTRAINING AGENT
COMPLIANT WITH STANDARD NF EN 934-2

5. CHARACTERISTICS

Packaging	: Double dose of 20 mL
Appearance	: Colourless liquid
Density	: $1.01 \pm 0.05 \text{ g.cm}^{-3}$
pH	: 7 ± 0.05
Storage	: 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.
- Contains no chlorine, no sugar, no sulphate.
- A non-reduction of the mixing water, an overdose or an excessively long mixing time may decrease the mechanical strength.
- Does not allow the execution of self-levelling or liquid screeds. Favour **EURONIV HP**.
- Not to be used in structural elements.

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.

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

