



la marque
du bâtiment

EURO PLAST

**AIR ENTRAINING, PLASTICISING
WATER REDUCING AGENT**
Compliant with requirements EN 934-2

1. PRESENTATION

EURO PLAST is a clear, colourless, chloride-free air entraining liquid with plasticising effect, fully soluble in water, which improves the workability and plasticity of concrete and mortar.

EURO PLAST helps obtain more flexible, more workable, more adhesive mixtures with no bleeding.

Thanks to the texture it gives to mixtures, it allows them to achieve perfect moulding on all forms of surfaces, improved pouring and smoother appearance.

EURO PLAST has side effects on mass waterproofing, water reducing, antifreeze mortars, coatings and concretes, with no impact on the setting properties of the cement.

2. ADVANTAGES

- Prevents bubbling (honeycomb) and bleeding.
- Facilitates the implementation of concrete and increases its strength.
- Does not attack metal reinforcements.
- Improves resistance to frost.
- Restricts bleeding and segregation.
- Greatly reduces crazing, cracking, the effects of recurrence and slight differences in hue.
- Ideal complement to all types of fibres.
- Solvent-free.
- Contains no chlorine.
- Does not affect the setting time.

3. AREAS OF APPLICATION

Use to improve the workability of:

- High-performance concrete, concrete with a high density of reinforcements, precast concrete, unsurfaced exposed concrete.
- Concreting with sliding formwork.
- Sprayed concrete, pumped concrete.
- Screed.
- Grout.
- Façade coatings.
- Covering finish.
- Jointing.
- Mortar.
- Construction mortar.
- Heated floor.
- Fillets.

4. INSTRUCTIONS

EURO PLAST is miscible with water in any proportion with all standard binders (CPA, CPJ).

Mix sand, gravel, cement.

EURO PLAST must always be added to the mixing water.

Incorporate into the aggregates and complete with water.

The mixing water must be reduced by 10 %.

The mixing time shall be 3 to 5 minutes after the additive has been incorporated.

EURO DORTHZ PRODUCTION

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The average dose is 50 to 100 ml for 100 kg of cement,
i.e usually 1 dose per bag of 35 kg (1 dose = 25 ml).

Larger doses may be used, but an air-entraining effect is then observed.

Compatibility: **EURO PLAST** is compatible with the Dorthz range of additives (except **DORTHZ FLUID** and **EURO NIV HP**).

Precautions:

Failure to reduce the mixing water, an overdose or an excessively long mixing time may decrease the mechanical strength and cancel the side effects.

With special binders, a preliminary test is recommended.

Application:

Application conditions	: Compliant with standards EN 934-2 and NFP 18.103
Dosage	: 0.05 to 0.2% of the weight of cement (i.e. 50 ml to 200 ml for 100 kg of binder)
Cleaning of the equipment	: Water (do not allow to dry)

5. CHARACTERISTICS

Appearance in container	: Clear colourless liquid that contains anionic surface active agents
Density	: $1.00 \pm 0.05 \text{ g.cm}^{-3}$
Cl⁻ content	: < 0.01% by mass
pH	: 7.00 ± 0.05
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.
- Does not allow the execution of self-levelling or liquid screeds, favour **EURO NIV 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

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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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