



EUCON DX

WATER REDUCING ADMIXTURE – ASTM C 494 TYPE A

DESCRIPTION

EUCON DX is a ready-to-use strength increasing water reducing liquid admixture for concrete. It is an aqueous solution of hydroxy-carboxylic acids and a catalyst which provides a better hydration of the cementitious material.

FEATURES/BENEFITS

- EUCON DX provides a reduction of 5% to 10% of the total water in the mix depending on the quantity and characteristics of the cementitious material.
- EUCON DX is particularly recommended if the Portland cement has a very low sulphate content.
- The synergy created by EUCON DX combined with an air entraining agent such as AIREXTRA increases water reduction.
- EUCON DX has very little effect on entrapped air volume.
- EUCON DX generally increases compressive strength by 15 to 25%
- EUCON DX is used in combination with superplasticizer in high performance concrete.
- EUCON DX is particularly suited for cementitious material other than Portland cement (silica fume, fly ash, slag). It provides better workability and exceptional hydration.
- EUCON DX is also recommended for concrete where increased bleeding is desirable.

TECHNICAL INFORMATION

Compressive Strengths* (MPa)

Age	Reference	EUCON DX
3 days	17.3	22.5
7 days	21.1	26.5
28 days	25.8	31.0

Physical Properties

Specific gravity (25° C)	1.150
% of solids by weight	28.5
pH	8.5

*According to ASTM C 494 qualification results.

Consult your EUCLID representative for additional information or technical assistance.

PACKAGING

EUCON DX is available in bulk as well as in containers of 1000, 205 or 20 L.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- EUCON DX meets all requirements of ASTM C 494 Type A.
- EUCON DX is approved by the Quebec Ministry of Transportation.

DIRECTIONS FOR USE

EUCON DX should ideally be introduced in the mix a few seconds after cementitious and water contact. This will maximize the workability gain and ensure better cementitious material particle dispersion. It should not be in direct contact with dry cement. Always add independently of other admixtures.

Dosage may vary from 150 to 250 mL/100 kg of cementitious material. Type A: 185 mL/100 kg of cementitious material. EUCON DX can be used and is compatible with all EUCLID admixtures.

PRECAUTIONS/LIMITATIONS

- Keep from freezing
- EUCON DX is not W.H.M.I.S. regulated.
- In all cases, consult Safety Data Sheet before use.

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