

PRODUCT DATA SHEET

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FLUEN

DESCRIPTION OF THE PRODUCT

Liquid super-plasticizer that significantly improves the workability of mortars and concrete while substantially reducing the water-to-cement ratio. Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

Additive designed to reduce the mixing water in cement-based mixtures, leading to the production of elements with enhanced mechanical strength.

WARNING

Do not add additives.
Do not use the product if the packaging is damaged.
Do not add water unless specifically indicated for the intended application.

PRECAUTIONS

Always use fresh cement and do not use aluminous cement.
Ensure that only clean water is used.

APPLICATION

The product is ready to use. Add **FLUEN** during the mixing phase and reduce the standard water dosage by approximately 20%.

CONSUMPTION

1 -1.5 kg per 100 kg of cement

PACKAGING

1 kg bottles – 12 pieces per box
5 - 20 kg drums

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

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SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES (average value)

STANDARD EN 934-2, Paragraphs 11.1 and 11.2

FEATURES	RESULTS
Appearance	Liquid
Colour	Brown
Density at +20°C	1,150 ± 0,05 g/cm ³
Effect on setting time	Slightly retarding
Water-soluble chlorides	≤ 0,10%
Alkalis content	≤ 6,0%

PRODUCT FOR PROFESSIONAL USE ONLY

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