

visco

Processing aid that enhances workability and pumpability for screeds



DESCRIPTION

visco is a liquid additive for the production of semi-dry to earth-moist calcium sulphate and cementitious screeds. Its effect greatly improves the workability of the screed. This makes mixing, pumping, spreading, levelling and smoothing the screed easier.

KEY FEATURES

- Homogenises the screed structure
- Excellent workability
- Improved pumpability
- Long working time

AREAS OF APPLICATION

- For producing bonded, unbonded and floating screeds
- For producing screeds on underfloor heating
- Suitable for wet and outside areas
- Suitable for all floor coverings

MIX DESIGN: SCREED PUMP (200 litres net)

Dosage	10 – 20 ml
W/C ratio	0,45 – 0,6

MIX DESIGN: CUBIC METRE

Dosage	50 – 100 ml
W/C ratio	0,45 – 0,6

BASIC MATERIALS, STANDARDS AND TESTING REGULATIONS

- CEM I or CEM II (A-L, A-LL, B-L, B-LL) following EN 197-1
- Aggregates following EN 12620
- Preliminary testing and suitability verification required

MIXING INSTRUCTIONS

1. Fill the screed machine about half full with sand and the total amount of cement.
2. Add **visco** to the first mixing water (usually 5-10 litres) and then fill the machine completely.
3. In the meantime, gradually add the required amount of water until a semi-dry or earth-moist consistency is achieved.
4. Mix at least 2 minutes.

CONSTRUCTION SITE CONDITIONS

- The screed must be protected from drying out too quickly due to draughts, direct sunlight and low humidity.
- The screed must be protected from frost and water during the entire drying time.
- At temperatures below + 5°C, the setting process of the binder (cement) is delayed or completely interrupted.

SAFETY

- Always observe general work hygiene when using our products.

RESIDUAL MOISTURE TEST

- Before laying the floor covering, the residual moisture content of the screed must be measured by the floor layer.
- In accordance with DIN 18560, all floor coverings must be laid under a residual moisture content of 1,8 CM-% for heated screeds and 2,0 CM-% for unheated screeds using the calciumcarbide measuring method (CM method).

TECHNICAL DATA

- Form: liquid
- Colour: colourless
- Density: 1,00 ± 0,02 kg/dm³
- Supply form: 10 litres, 20 litres, 1.000 litres
- Storage: store protected from frost, heat and direct sunlight
- Shelf life: at least 12 months (in sealed containers)

Bondera Chemicals GmbH products are sold under warranty against defects in material and manufacturing and are subject to our Terms and Conditions, which are available upon request.

The technical data sheet has been prepared by and for Bondera Chemicals GmbH. Please contact the technical team for further information.

[01.04.25]