



Collaxim RT

Cohesion agent

Collaxim RT is cohesion agent that can be used as an additive in concretes complying with EN 206-1.

Collaxim RT is particularly recommended for self-placing and self-levelling concretes and mortars, for ready mix concrete and for prefab.

Collaxim RT enables :

- an increased resistance of the standing concrete to bleeding and segregation,
- an easier setting for flowing concrete,
- to avoid steam curing when the sand used in the concrete is poor in filler (< 200 µm),
- to formulate self-placing concretes that can support additional water (crushed stones, sand,...).

The innovative **Collaxim RT** formula enables easy use in the mixing plant, easy pumping and of high efficiency at low dosage.

CHARACTERISTIC VALUES

- White liquid
- Density at 20°C :
about 0.970 kg/dm³ .
- pH : 6.0 +/- 2.0
- Viscosity at 20°C : 52.6 cP
- Viscosity at 5°C : 52.9 cP
- Na₂O_{equivalent} ≤ 0.15 %
- Cl - : ≤ 0.10 %
- Freezing temperature point :
≈ - 10°C.

FIELDS OF APPLICATION

Collaxim FF is recommended for the formula of self-levelling or self-placing mortar as well as concrete.

Collaxim FF performances can vary according to the kind of concrete. To reach the best yield, get in touch with us for :

- concrete composition,
- dosages to be defined according to need.

	Control	Concrete with 0.125% of Collaxim RT	Concrete with 0.25% of Collaxim RT
Spreading	670 mm	620 mm	600 mm
Entrained air	1.40%	0.70%	0.70%
Stability at sleve	15%	7%	6%

**Results obtained with a self-placing concrete formula at 400 kg/m³ of cement
W/C = 0.53
with 0.65% Cimfluid 2002 as additive**

DIRECTIONS FOR USE

Collaxim RT can be incorporated into the gauging water or at the end of mixing.

DOSAGE

Depending on the effect desired, from 0.05 to 0.5 kg per 100 kg of cement.

The dosage, adapted to each case, should be defined during research and suitable trials.

PRECAUTIONS FOR USE

- Must be stored in a location protected against frost, sun and high temperatures.

SAFETY

- It is recommended to wear glasses and gloves when handling the product.
- In case of contact with eyes, rinse with plenty of water and see a specialist.
- In all cases, refer to the material safety data sheets.

PACKAGING

- Tanks of 1000 litres.
- Barrels of 200 litres.
- Cans of 30 litres.

SERVICE LIFE

- 6 months as of manufacturing date.

*The material technical and safety data sheets can be consulted on our internet site :
<http://www.axim.fr>*