

## Performance Additives Decorative

### LAVIOKOLL® C1 Construction additive

#### General information

LAVIOKOLL® C1 is a new additive based on a selected and activated bentonite clay that gives moderate thixotropic properties to cement based system

LAVIOKOLL® C1 prevents the sedimentation of the aggregates and the bleeding of the surface, it also improves the workability of dry mix mortars

#### Physical properties

Composition: smectite (98% montmorillonite)

Physical form: creamy powder

Dry residue: 0% > 200 mesh (75 µm)

Moisture: 11-12%

#### Application

- mortars
- plaster/renders
- tile adhesives

#### Properties

LAVIOKOLL® C1 is a suspending agent that gives antisetling properties and reduces surface bleeding.

It could be incorporate as powder and it's stable in a pH range 7-13 (Fig.1)

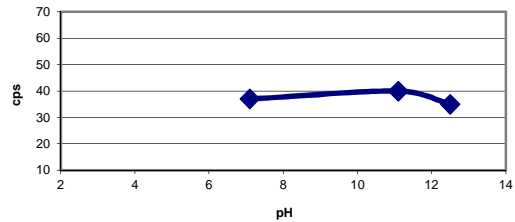


Fig.1 : Laviokoll C1 in water at different pH values

Viscosity depends on the shear force during the dispersion (Fig.2)

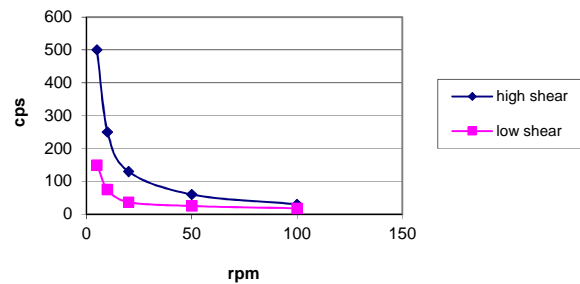


Fig.2 : Laviokoll C1 dispersed at high and low shear

#### Dosage

Typical dosage is 0.1% e 3% based on the total formulation.

#### Storage stability and packing

Product do not deteriorate in a significant way in a 36 months period. Storage is advisable in a dry, sheltered place in closed bags. Packing is 25 kg net in paper bags.

Rev 2 July 2014

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