

Performance Additives Decorative

LAVIOKOLL® C4 Construction additive

General information

LAVIOKOLL® C4 is a new additive based on bentonite clay that gives moderate thixotropic properties to system

LAVIOKOLL® C4 prevents the sedimentation of the aggregates and the bleeding of the surface, it also improves the workability of mortars, suitable for 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® C4 is a suspending agent that gives antisetling properties and reduces surface bleeding.

The immediate and 24h viscosities can be compared (Fig.1)

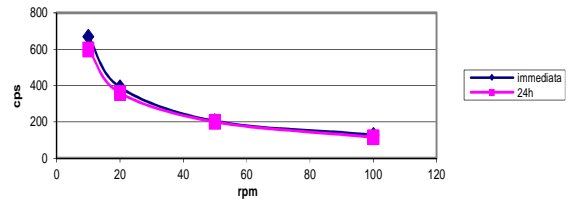


Fig.1 : Laviokoll C4 – immediate and 24h viscosities

Chemical composition (XRF)

Na2O	0,40
MgO	2,28
Al2O3	14,17
SiO2	72,32
P2O5	0,03
K2O	1,87
CaO	0,91
TiO2	0,26
MnO	0,03
Fe2O3	2,33
LOI	5,40

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 12 months period. Storage is advisable in a dry, sheltered place in closed bags. Packing is 25 kg net in paper bags.

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