



**BENTEC ORGANOCCLAYS PVT. LTD.**

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**PRODUCT GUIDE**

**BENTEC PL-C**

BENTEC PL-C is a high Viscosity, Economical, Organically modified bentonite based rheological additive for water based system.

**PHYSICAL PROPERTIES**

Appearance	: Light gray/buff powder
Moisture	: 5% To 9%
Bulk Density gm/ml	: 0.70 – 0.80
Packing	: 25 kg HDPE bag with liner.

**USE**

BENTEC PL-C is a economical efficient thickener in may water based system.

BENTEC PL-C provides very high viscosity built up, good pigment suspension and anti-sag control.

BENTEC PL-C may be used in synthetic plaster (putty), Acrylic & Oil bound Distemper, Cement primer and Foundry core washes.

**Incorporation :**

**IN-SITU :**

Add to the water rich phase as early in the manufacturing process as possible. Anionic surfactant can enhance the thickening effect when used with BENTEC PL-C. Cationic surfactant should be avoided as they deactivate the clay in aqueous media.

**PREGEL :**

Pregel can be prepared by dispersing up to 2 to 4% of BENTEC PL-C in water under high speed dispersion equipment. Use of Biocide is recommended as a precaution.

**DOSAGE :**

Typical dosage of BENTEC PL-C is from 0.30% to 0.80% depending upon the type of system and the degree of thickening or other properties desired.

To the best of our knowledge and belief, the above information is accurate. Because the conditions of handling and of use are beyond our control, we cannot guarantee results, and assume no liability for damages incurred in using our product. The above is not to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

## Dosage of BENTEC PL-C

Acrylic Distemper	-	0.30 % to 0.8%
Oil Bound Distemper	-	0.30 % to 0.7%
Water based Cement Primer	-	0.35 % to 0.4%
Spray Plaster	-	0.30 % to 0.6%