



BENTEC ORGANOCLOYS PRIVATE LIMITED

ISO 9001 : 2015 Certified Company

PRODUCT GUIDE

BENTEC PL-C *plus W*

- BENTEC PL-C *plus W* is a high Viscosity, Economical, modified clay based Rheological additive for water-based system.

PHYSICAL PROPERTIES	
Appearance	White to off white powder
Moisture	5% To 10%
Packing	25 kg PP bag with liner

USE

- BENTEC PL-C *plus W* is a economical efficient thickener and rheological modifier in many water based system.
- BENTEC PL-C *plus W* has a white to off white colour.
- BENTEC PL-C *plus W* provides viscosity built up, good pigment suspension, excellent sag control and very **good bio stability**. It also avoids water separation on storage. It increases the water scrub resistance of the coating film.
- BENTEC PL-C *plus W* may be used in Textured coatings, Synthetic plaster (putty), Acrylic & Oil bound Distemper, etc.

ADVANTAGES

- Excellent Bio-stability compare with CMC.
- Excellent viscosity stability.
- Better water scrub resistance than CMC.
- Prevents water separation on long term storage.
- May require less dosage compare with CMC.
- Partial replacement of HEC
- White to off white in colour



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Incorporation:

1. 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 *plus W*. Cationic surfactant should be avoided as they deactivate the clay in aqueous media.

2. PREGEL:

Pregel can be prepared by dispersing up to 2% - 3% of BENTEC PL-C *plus W* in water under high-speed dispersion equipment. Use of Biocide may be used as a precaution.

3. DOSAGE:

Typical dosage of BENTEC PL-C *plus W* is from 0.3% to 1.5% depending upon the type of system and the degree of thickening or other properties desired.

Dosage of BENTEC PL-C <i>plus W</i>	
Acrylic Distemper	0.3 % to 0.8%
Oil Bound Distemper	0.3 % to 0.7%
Spray Plaster	0.3 % to 0.7%
Textured Coatings	0.3 % to 1.0%
Acrylic wall putty	0.3 % to 0.8%
Interior cement primer	0.3 % to 0.6%
Exterior cement primer	0.3 % to 0.7%
Economic emulsion paint	0.3 % to 0.8%



Cowles Blade

NOTE

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.