



Developing Relationship

ICLAY 21[®]

ORGANOCLAY RHEOLOGICAL ADDITIVE

SINGLE INVENTORY + MULTIPURPOSE + ECONOMICAL + COST EFFECTIVE

ICLAY 21[®] IS BASED ON QUARTERNARY AMMONIUM MODIFIED HECTORITE BENTONITE CLAY CHEMISTRY.

SPECIFICATION

• Appearance	Cream White Powder
• Granularity (325 mesh)	≥ 95%
• Moisture H ₂ O (105°C)	0.5~3%
• Pas Viscosity MPa.S	≥ 1.5
• Loss on Ignition (LOI)	28~32%
• Bulk Density	0.4-0.5g/cm ³

ADVANTAGES

Easy to Disperse & Pre-Gel
Easy to Direct use in systems
Easy to control Viscosity
Easy to control Thixotrophy
Easy to Sag & Settle control
Easy to maintain Flow & Leveling

APPLICATIONS

- Synthetic Enamels & QD
- OEM & Automotive Re-Finish
- Pipe Line Coating
- High DFT Epoxy Coating
- Marine & Anti Fouling Coating
- Heavy-Duty / Industrial Coating
- High Performance Coating
- Heat Resistance Paint
- 1K TPA & 2K PU & Clear Coating
- Anti Corrosive & Wood Coating
- Powder Coating & Aerosol spray
- Road Marking Paint
- Industrial Adhesive
- Industrial Grease & Printing Ink
- Oil based Drilling Mud (Fluid)

RECOMMENDED DOSES

- ICLAY 21[®] doses range is various between 0.2 % - 8.0 % based on application total formulation.

DOSES INCORPORATION

- ICLAY 21[®] 10% Pre-Gel can be incorporated any stage of manufacturing process.
- ICLAY 21[®] Direct Dry Powder can be incorporated during Grinding process.

SHELF LIFE

- ICLAY 21[®] Shelf Life is 24 months from the date of Manufacturing.

PACKING

- ICLAY 21[®] available in 25kgs/Paper bag & 1250kgs pallet size.

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