

Direct-To-Metal Paints Formulated
With **PLIOTEC™** Resins



Effective Corrosion-Barrier Coating Technology

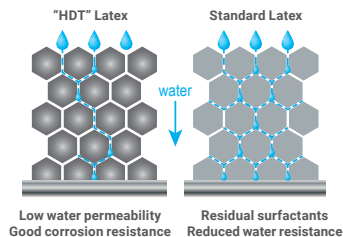
Water-Based Protection That Defies Nature



PLIOTEC™ HDT, Effective Corrosion-Barrier Coating Technology

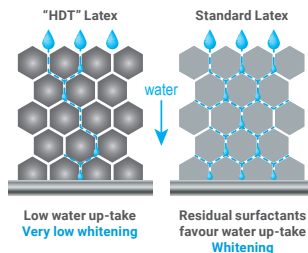
Excellent Resistance To Water

Hydrophobic Dispersion Technology distributes functional monomers on particle surfaces, reducing the need for free surfactant. The high hydrophobicity of **PLIOTEC™ HDT** resins ensures low water permeability, which helps prevent corrosion.



Blush Resistance

Furthermore, on drying, there is no retention of water (very low whitening) as it is the case with standard latex.



Non-Yellowing Film



Superior Salt Spray Resistance

PLIOTEC™ HDT resins permit formulating of Direct-To-Metal paints with excellent UV ageing properties and superior salt spray resistance without anticorrosive pigment.

High Initial & Durable Gloss

Initial gloss achievable with **PLIOTEC™ HDT** resins is above 80% at 60°, and good gloss retention is maintained on accelerated or natural weathering.

Adhesion to Ferrous and Non-Ferrous Metals

Paints formulated with **PLIOTEC™ HDT** resins provide excellent adhesion under dry conditions and show very good ability to maintain adhesion when the film is wet or exposed to high humidity conditions.

Balanced Flexibility & Hardness

PLIOTEC™ HDT resins are available in a range of Tg's to suit different applications and requirements. Latex particles have been designed to best meet the Direct-To-Metal application. Its gradient morphology ensures a consistent hardness/softness throughout the entire film.

Hardness development and blocking resistance are consequently balanced with an excellent flexibility.



Additional Key Features

- Excellent film formation achieved with low demand of coalescing aids (low Volatile Organic Compound content)
- Direct-To-Metal paints with very low emissions of volatile pollutants
- APEO free
- No added formaldehyde

Hydrophobic Dispersion Technology

PLIOTEC™ resins with Hydrophobic Dispersion Technology (HDT) offer exceptional water resistance and adhesion to steel and galvanized steel. They enable Direct-To-Metal paints with excellent UV aging and salt spray resistance, even without anticorrosive pigments. **PLIOTEC™ HDT** resins can be used as both topcoat and primer for versatile, durable protection.



Paints bearing the **PLIOTEC™** logo have passed rigorous technical specifications to ensure they meet customer requirements.

Make Your Work Easier...

Choose Coatings

Formulated With **PLIOTEC™** Resins!



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