

Multi-surface Renovation Paints
Formulated With
PLIOTEC™ HDT Resins



Challenging Substrates?

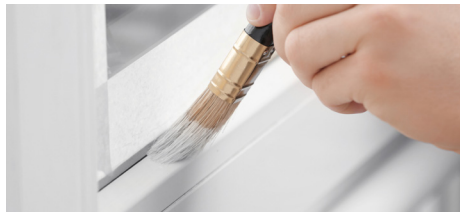
Try PLIOTEC™ HDT resins
For Proven Performance!

PLIOTEC™ HDT,
For Proven Performance!

Adhesion Properties

Adhesion remains a significant challenge with the current water-based offerings.

Beyond excellent resistance properties thanks to Synthomer's Hydrophobic Dispersion Technology (HDT), **PLIOTEC™ HDT** resins include adhesion promoting monomers containing polar groups that not only ensure excellent adhesion under dry conditions but also ensure that adhesion is maintained when the film is submitted to humidity.



Paints formulated with **PLIOTEC™ HDT** resins deliver superior adhesion to a wide variety of substrates, including:

- Ferrous and nonferrous metals: steel, aluminium, galvanized steel, stainless steel, zinc, brass, copper
- Ceramic tiles, PVC, Glass
- Wood and laminate

Chemical Resistance

Paints formulated with **PLIOTEC™ HDT** resins provide non-yellowing films that are resistant to water and to common household chemicals such as cleaning detergents, laundry products, automotive chemicals (motor oil, wiping fluid, cooling fluid).

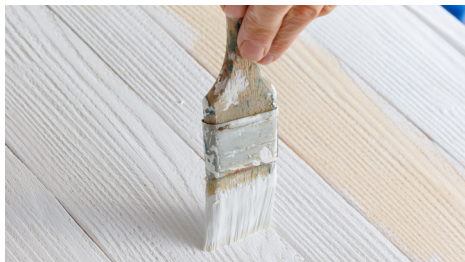


Balanced Flexibility & Hardness

The design of **PLIOTEC™ HDT** resins is based on a polymer with a gradient morphology in order to ensure that the dry coating has consistent hardness/softness throughout the entire film. Hardness and blocking resistance are consequently balanced with an excellent flexibility and very good impact resistance.

Fast Hardness Development

PLIOTEC™ HDT resins are available in a range of Tg's to suit different applications and requirements, for both horizontal and vertical end uses.



PLIOTEC™ HDT resins are dedicated to the formulation of floor coatings, providing a very good balance of properties (adhesion, hardness development, resistance to abrasion and hot-tyre pick-up).

Typical applications include paint for ceramic tiles, for parquet and laminate, for concrete garage floor.

Main Applications

- Multi-surface renovation paints
- Paints for ceramic tiles
- Direct-To-Metal coatings
- Garage floor paints

Additional Key Features

- Excellent film formation achieved with low demand of coalescing aids (low Volatile Organic Compound content)
- APEO free
- No added formaldehyde

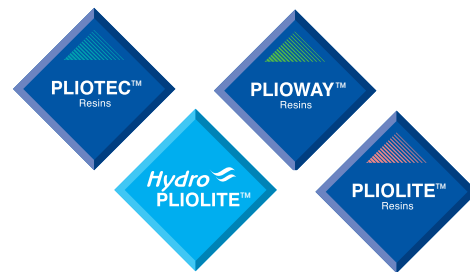


Paints bearing the **PLIOTEC™** logo have passed rigorous technical specifications to ensure they meet customer requirements.

Make Your Work Easier...

Choose Coatings

Formulated With PLIOTEC™ Resins!



For More Information, Contact Your Dealer

or:

Synthomer

10 Greycoat Place

London SW1 1SB

United Kingdom

Email: coatings@synthomer.com

www.pliolite.com

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