

Modified styrene-acrylic copolymer latex based on Hydrophobic Dispersion Technology, with excellent adhesion to metals, and superior water resistance, delivering corrosion protection even without the use of anticorrosive pigments.

PLIOTEC™ HDT12 is recommended for Direct-To-Metal (DTM) coatings, from high gloss enamels to anticorrosive primers.

For further information regarding this product please refer to:

Coatings Synthomer

eMail: coatings@synthomer.com

Property	Typical Value	Unit	Method ¹
Solids Content	50.0	%	
pH	8.0		
Viscosity (Brookfield LVT,#2@ 60 rpm, 25°C)	250	cps	
Glass Transition Temperature [Tg Midpoint]	28	°C	
Minimum Film Forming Temperature	20 (68 °F)	°C	
Ionic Character	Anionic		

¹ internal method based upon the specified norm

Key Advantages

- Superior corrosion resistance through innovative Hydrophobic Dispersion Technology
- Excellent adhesion to ferrous and non-ferrous substrates
- Very good water resistance
- Good gloss retention
- Balanced flexibility and hardness
- Non yellowing
- Freeze / thaw stable
- No added formaldehyde

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 12 months from the date of manufacture.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.