

Paintflex® Liquid Painting System for Polyethylene (HDPE / LLDPE) Storage Tanks



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	Without PaintFlex® Painting System	With PaintFlex® Painting System	
		PaintFlex® Classic (UV inhibitor)	PaintFlex® Extra (UV Block)
Protect from Ultraviolet Rays	Gradually reduce the effect of Inhibit UV	Inhibit UV 2 years	Block UV 100% with no time limit
How to stop UV degradation on the PE Products	Can not stop UV degradation on the PE Products	No UV degradation: Re-Paint PaintFlex® Classic every 2 years	No UV degradation: No need to re-Paint. If needs, touch up paint
Colour		Any colour included Colourless Can paint multiple colours	Stainless colour, Brown, Nave, Blue, Light Blue, Black, Dark Red etc... Can paint multiple colour

PaintFlex® Paint

Most important Point:

- ✓ PaintFlex® Paint **CAN** adhere on the PE/PP surfaces with simple painting process permanently after moulding process
 - Simply Apply by standard painting tools like spray/Brush/Roller
- ✓ Resistance to expand/Contract & Vibration.
- ✓ Resistance to Peeling and cracking
- ✓ UV Rays & Fading Resistance
- ✓ Power Wash resistance
- ✓ Allow binding on itself direct most Conventional/Standard Cosmetic & Functional Paint - Coatings Without sanding, if it need it
- ✓ It can recoat unlimited time.

You do **NOT** need to these methods for paint on PE Products:

- ❌ Heat, Flame, Corona, Plasma and other heat related treatments
- ❌ Primer for PaintFlex® Adhesion on PE Products
- ❌ Top Coat for UV Protection itself

FYI:

Ultraviolet (UV) Rays

Ultraviolet rays results in weathering of all polyethylene storage tanks.

Without proper protection, UV light causes a compound breakdown of the polyethylene elements, making the polyethylene tank brittle. This can cause microcracks, leading to leaks and potential failure of the chemical storage tank.

To protect High-Density Polyethylene (HDPE) and LLDPE from degrading in the sun, you should use Hindered Amine Light Stabilizers (HALS) or Carbon Black which will protect in short time.