



PaintFlex® for HDPE (High Density PolyEthylene)

- Permanent Paint
- Bonding similar and/or dissimilar products on the HDPE Products.

Nowadays, HDPE products users strongly request,

- HDPE Boat / Marine Dock / Marine Buoy:
 - ➔ Permanent Decorative Paint & Anti-Fouling / Anti-Slip Paint on the HDPE Boat, Marine Dock & Marine Buoys
- HDPE Furniture:
 - ➔ Permanent Glossy finishing on the HDPE Furniture
- General HDPE:
 - ➔ Bonding similar and/or dissimilar products on the HDPE Products.
 - ➔ Labelling & Decorating on the HDPE Products

PaintFlex® is the answer for these requests.

Before PaintFlex®

HDPE Polyethylene has traditionally suffered from the disadvantage that it cannot be reliably painted & Decorated & Bonding

Now

PaintFlex® is the answer for the common requests on the HDPE

PaintFlex® Benefit

- Super Glossy Finishing (up to the Top Coat Car /Marine Paint Glossy Level)
- Resistance to expand/Contract & Vibration.
- Resistance to Peeling and cracking
- Scratching resistance (up to the Top Coat Car/Marine Paint Hardness Level)
- Single Component, No Pot Life, shelf Life is 5 years
- Power Wash resistance (If it needs Clean by water)





About PaintFlex® Paint for HDPE Polyethylene

Allow binding on itself as a Binding Paint /Primer direct most Conventional Car/Marine Paints & Flexible Adhesive / Bonding

Applications

- Single Glossy Color Finishing
- Multiple Glossy Color finishing on the same substrate
- Binding Stencil Ink, Silk Screen, Pad printing Ink & Self Adhesive Stickers-Barcode, Digital UV Printing
- Binding Anti-fouling paint & Anti Slip Paint (Sea Buoys & Boat-Marine Products)
- Bonding between HDPE & HDPE and Dissimilar Materials Like Steel, Wood & Others

HDPE Process:

You can paint PaintFlex® all kind of processed HDPE Products
Extrusion / injection / blow molding

HDPE Types:

You can paint PaintFlex® all kind of HDPE Products.

HDPE: PE-80 PE-100 PE-200 PE--300
UHMWPE: PE-500 PE-1000

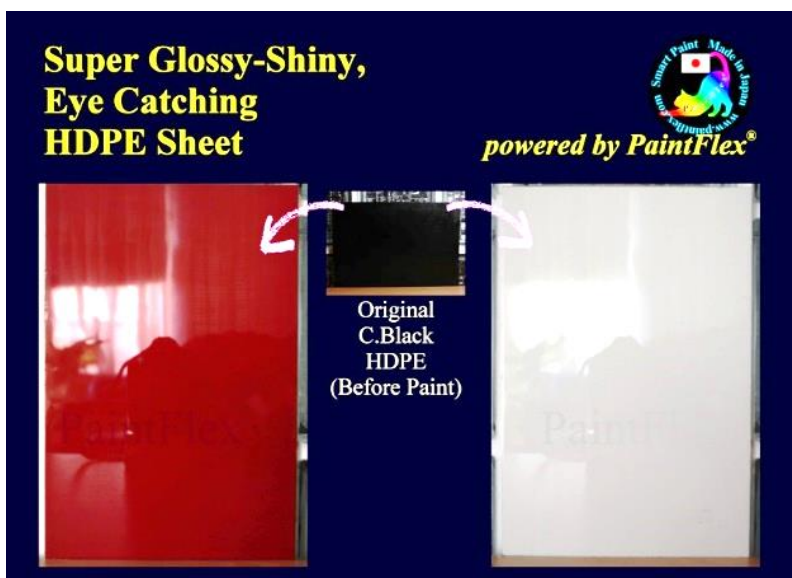
Compliances

- Food contact friendly
- RoHS (Restriction of Hazardous Substances)

Application Method:

Apply by standard painting tools like
spray/Brush/Roller.

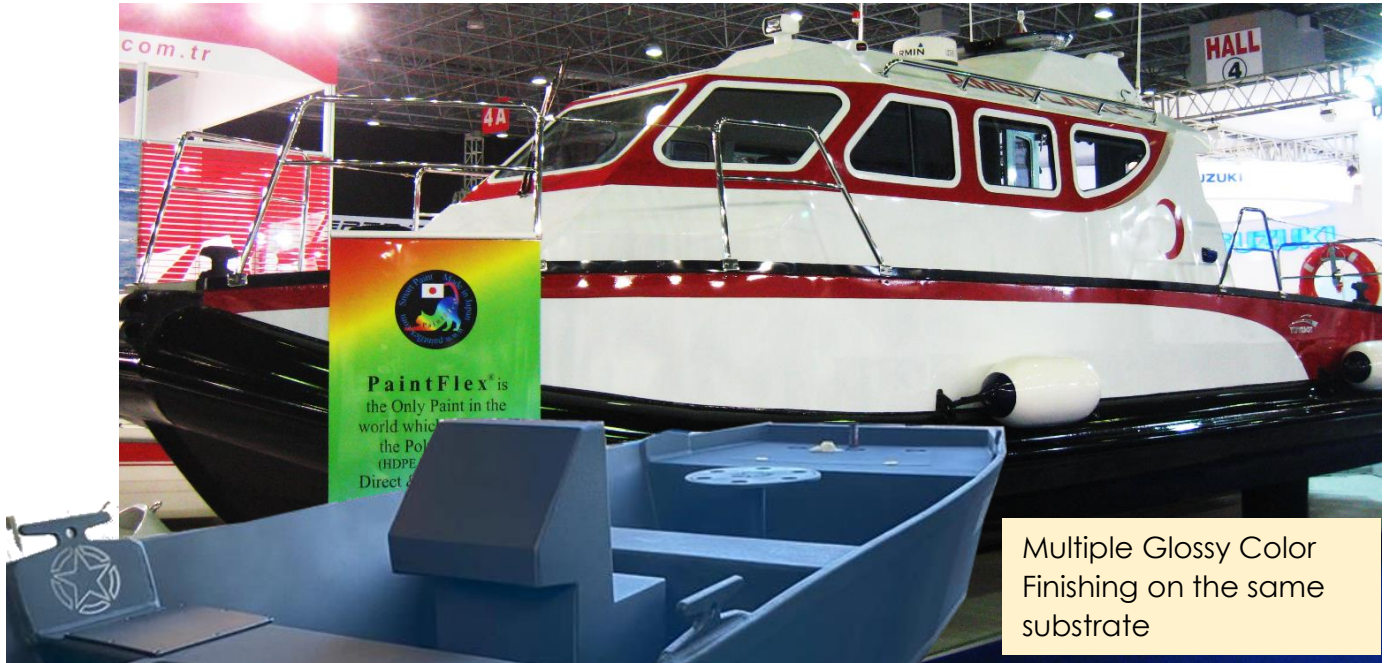
No Need Flame, Corona and other Treatment's for adhesion.





- HDPE Boat / Marine Dock / Marine Buoy
Permanent Decorative Paint &
Anti-Fouling / Anti-Slip Paint
on the HDPE Boat, Marine Dock & Marine Buoys

▶ HDPE Boat (Sheet-Board & Pipe Construction)



Multiple Glossy Color
Finishing on the same
substrate

- Add Eye Catching Glossy
Cosmetics & Decoration on the
Polyethylene
(Not Cheap Looking)
- Expand product life from UV Damage and
Color fading at exterior
- Also, you can paint Anti-fouling Paint.
Anti-Slip Paint on the HDPE Boat/Yacht.



NEW Super Glossy Finishing HDPE Plastic
Utility Boats & Luxury Yachts
(It is a first in the World by PaintFlex®)



► Floating Docks (HDPE Floating Pipe / Modular Dock)

Original Surface

Top: Anti-Slip Coating

Adhere Reflector Sheet (Signage)

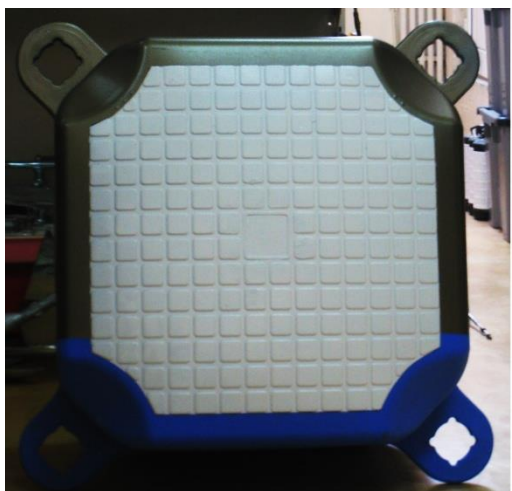
Screen Print PaintFlex®

Bottom: Anti-Fouling & Anti-Fungal

Unlimited cosmetic & functional ideas on your PE Plastic Floating Dock.

Powered by PaintFlex®

- Single Glossy Color Finishing
- Multiple Glossy Color finishing on the same substrate
- Binding Stencil Ink Silk Screen, Pad printing Ink & Self Adhesive Stickers-Barcode
- Binding Anti-fouling paint & Anti Slip Paint (Sea Buoys & Boat-Marine Products)
- Painting for Colour fade resistance.



Not only new products, it can also be used for used products that have problems after cleaning.

- Anti-Fouling Paint
- Anti-Slip Paint
- Resistance for UV Paint. Etc...



- HDPE Furniture & Planter:
Permanent Glossy Decorated finishing on the HDPE Furniture



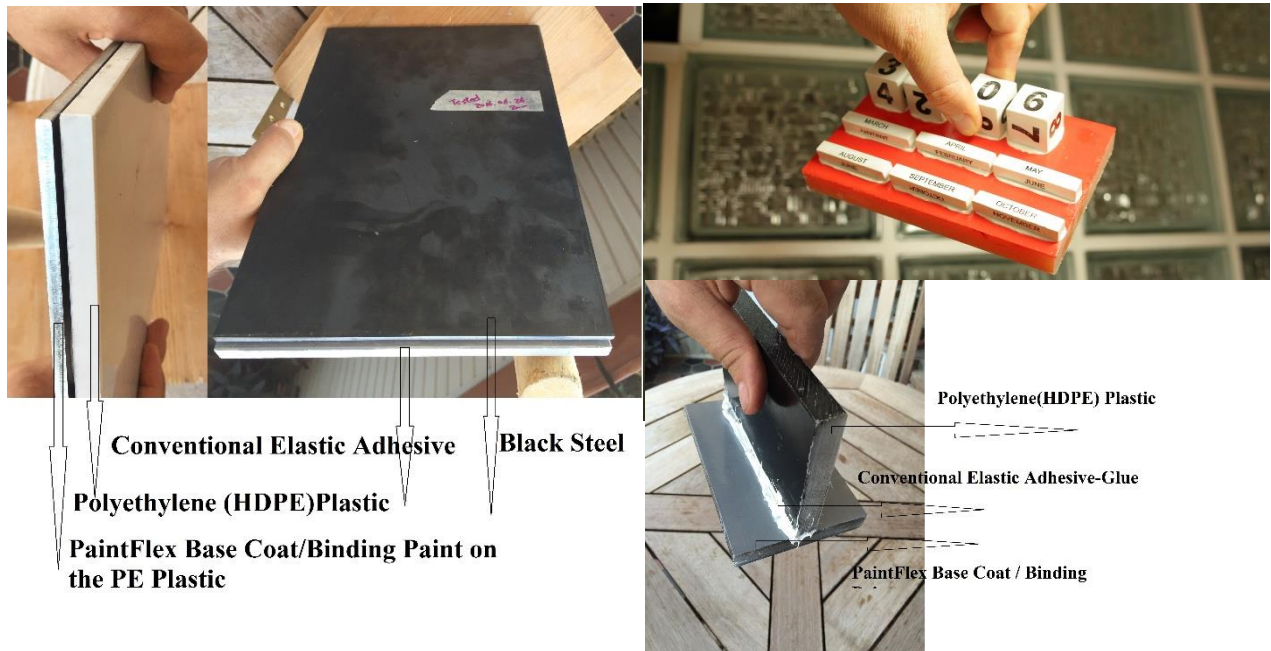
These ordinary products can also be turn to like the products above,
which is Glossy Paint / Eye catching / Resistant to UV.



● General HDPE:

Bonding similar and/or dissimilar products on the HDPE Products.

Bonding between HDPE & HDPE and Dissimilar Materials Like Steel, Wood & Others. (It is not option or Replacement to Plastic Welding or Metal Fastening)

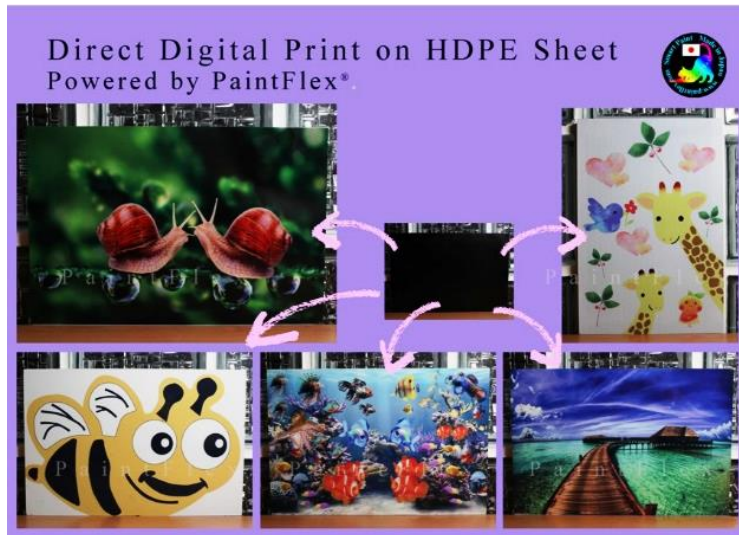


You can use this system below:





- General HDPE:
Labelling Decorating on the HDPE Products.



Binding Stencil Ink, Silk Screen,
Pad printing Ink & Self
Adhesive Stickers-Barcode –
Digital UV Printing

