



## PaintFlex® for Metals Products

### Paint the Metals one time, Protect from Corrosion / Rusting Long Time

Metal products users strongly request:

- One time paint Long time protect from Rust and Corrosion
- Possible to touch-up on the rusted part.
- No need sanding / sand blasting for adhesion paint
- No need primer
- Water / Food contact friendly Paint

#### Metals

- New Iron, Steel, Stainless and Galvanized Steel, Aluminium.
- Welding & Joints
- Other Hard to bond metals
- Rusted Iron, Steel, Stainless and Galvanized Steel, Aluminium.
- Mill Scaled Steel

PaintFlex® is the answer for these requests.

PaintFlex® has several important Technologies:

- ✓ One time paint Long Time Protect from Rust an Corrosion
  - ✓ Adheres Direct on New Metals & Rusted/Corroded Metals
  - ✓ Without complicated surface treatments like Sanding & Sand Blasting
  - ✓ Can use as a touch-up
  - ✓ Without Primer
  - ✓ No need top coat
  - ✓ Water/ Food contact friendly Paint
- Free of Heavy toxic Metals including Zinc, Isocyanate etc...

#### Technology

- ✓ Not allow corrosion to creep under the PaintFlex®
- ✓ Blocking the exposed air and moisture in all environments.
- ✓ Not let to creeping the rust under coating Layer from scratch part and pinholes in Sea Waters and other conditions
- ✓ **Unique technology, almost no competitions**



#### Apply

- ✓ Apply Directly to New or Corroded Metals
- ✓ Does not require pre-treatment of the metal's surface, such as sanding or priming
- ✓ Super Easy to apply either in-house or on-site with standard tools (brush, Roller or Spray).
- ✓ Can apply at any place (indoor/Outdoor)  
(Outdoor: Do not apply PaintFlex® under rain. Direct under string sunshine is not recommended.)
- ✓ Recoating: unlimited without complicated treatments

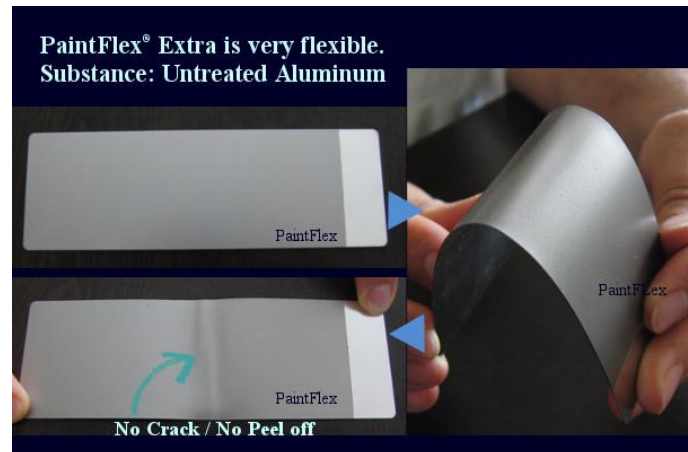


### Flexibility

- ✓ Super Flexible: Resist to Metal expand & Contract, vibration.
- ✓ Stay Elastic all time.

### Resistance to

- ✓ Power Wash resistance.
- ✓ Resistance to most of Acids.
- ✓ Resistance to most chemicals
- ✓ Resistance to Seawater & Chlorinated water
- ✓ Highly UV resistant itself.  
No Effect from UV De-gradations like Chalking, Colour fading,
- ✓ Block and Filter UV 100%



### Component

- ✓ Single component, no need hardener (Not Pot Life)
- ✓ No Top coat required.
- ✓ Long shelf life like 5 years

### Types:

- ✓ PaintFlex® Extra (Beautiful, stainless steel grey colour)
- ✓ Other custom Colour options (Dark Colour Only)
- ✓ Conventional Decorative paints permanently bind to on the PaintFlex® Extra applied surface. Allowing for the application of any colour

### PaintFlex® Extra some more Benefits

- ✓ Permanent protection from Rust and Corrosion in extreme conditions like seawater.
- ✓ Dries fast. Can dry by air fast at all temperature. (Recommend: 0C ~ 40C)  
Can be exposed to rain and moisture after only 2 hours.  
No request : Moisture cure, Heating etc...
- ✓ Can be submerged. (After PaintFlex® surface dried.)
- ✓ If you want, you can apply cosmetic and/or functional paint, directly without time limit for applying cosmetic and/or functional paint.  
(Dry to apply them Min. 2 hours)
  - Cosmetic Paint : Conventional Car / Marine 2k or base Paint
  - Functional Paint: Anti-Fouling / Anti Slip / Anti Scratch etc paint
- ✓ It is a Solid Paint, Not inhibitor or Primer  
(Act same time as a paint & binding Primer).
- ✓ Not polluting the environment by unhealthy Sanding-Sand Blasting dust.
- ✓ Recoating on itself (or most of existing solid coating) unlimited without complicated process.

### Compliances

- ✓ Food contact friendly (Test report available)
- ✓ Water Contact Friendly (Test report available)
- ✓ RoHS (Restriction of use of Hazardous Substances) Compliant



- ✓
  - Apply PaintFlex® on the Rusted Steels. (Direct use PaintFlex® Extra)  
Painted this Machine in this condition.

## PaintFlex® Extra

### How to Paint on the Rusted substance

Step 1.  
Clean up peeling rust.  
(see Upper picture)

Step 2.  
Paint with PaintFlex®  
Recommend by Spray.  
(see Left picture)

- Apply PaintFlex® galvanized steel (Direct use PaintFlex® Extra)

### PaintFlex® Extra (Metallic)

Anti-Rust for steel

- outdoor
- in the soil

(Resistance to soil elements)

### PaintFlex® Extra Brown (Special Ordered Colour)

PaintFlex® Extra adhere permanently on the Galvanized Steel,  
Not effect from Soil acids.

### Painted Rusted Galvanized Steel by PaintFlex® Extra





- Apply PaintFlex® Extra on the Rusted Steels. (Direct use PaintFlex® Extra)



It will adhere on the Rusted/Corroded Metal directly without complicated surface treatments like Sanding/Sand Blasting. Just Clean Loose Rust until to have solid rust before paint apply.



- Apply PaintFlex® Extra on the Metal and FRP-GRP combined Water Tank.  
(Direct use PaintFlex® Extra on the All parts included rusted metals)  
More information : See "PaintFlex® Extra for FRP/GRP Water Tank rev 20230901".



Before Painting



After Painting by PaintFlex® Extra :  
Beautiful, stainless gray



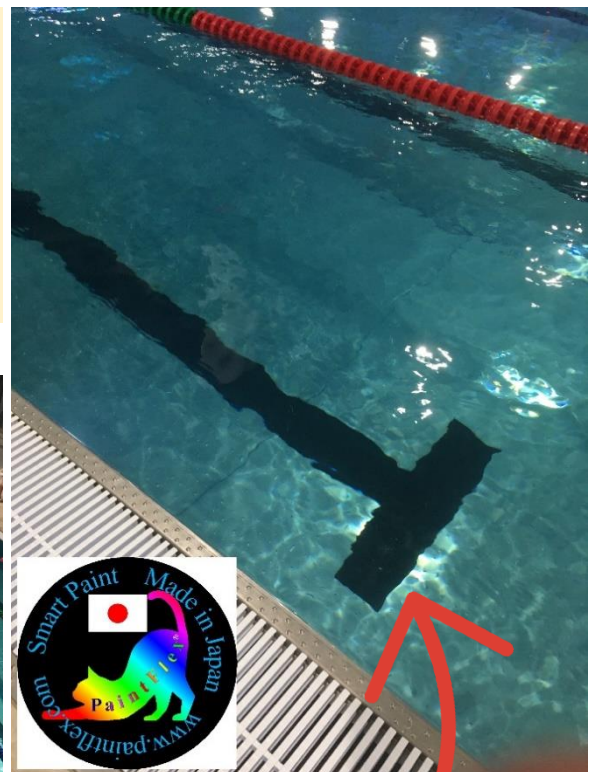
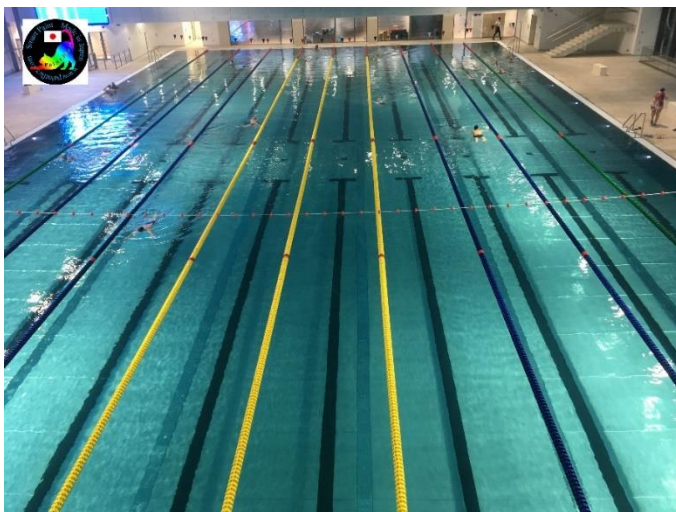
## Apply PaintFlex® on the Stainless.

- Direct paint on the Stainless included Rusted and welding part.



- Apply on the Stainless Swimming Pool

- Not request Sanding or Mechanical damages for Adhesion on the Stainless
- Not affected from Chlorine Chemical damages like:
  - Color discoloration,
  - Pitting damage and others
- Resists most chemicals, acids, sea and chlorinated water.



Couse line:  
Directly apply PaintFlex® Black  
Colour on the Stainless.