

Formula Aluminum Protector “FAP” (NANO Technology)

Product Introduction:

FAP solution was originated in Japan in early 2008. It is a colorless, odorless, non-toxic, non-caustic, non-flammable & water-based penetrating treatment. Its technology is such that it replaces, and out-performs many of the existing PVDF coatings in most aluminum applications.



Application & Characteristics:

FAP can be applicable to the exterior wall, timber, ceiling & object in metals for building protection. After treatment, the protected layer can be resistance on acid rain, anti- ultraviolet, water tightness, defend mildewed, light chemical raid & dusts was easy to blow off. The self clean effect purpose was achieved. No need more chemical cleaner “only water” for cleaning routine in the future.

FAP will not alter the colors of the object of metal, structure and other physical properties. In fact after the FAP treatment, the surface is more clear and cleaner (voids being sealed off).

Function:

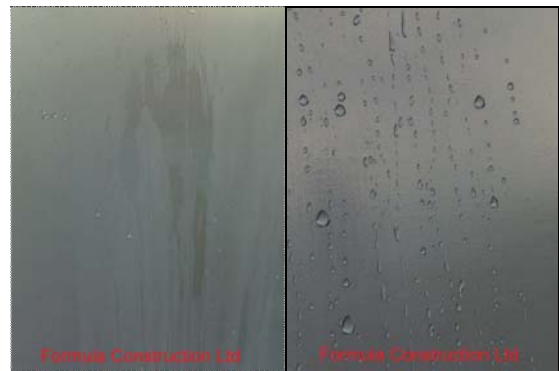
“**FAP**” refers to the very high water repellency exhibited by the leaves of the lotus effect. Dirt particles are picked up by water droplets due to a complex micro- and Nanoscopic architecture of the surface which enables minimization of adhesion.

Due to their high surface tension water droplets tend to minimize their surface trying to achieve a spherical shape. On contact with a surface, adhesion forces result in wetting of the surface: either complete or incomplete wetting may occur depending on the structure of the surface and the fluid tension of the droplet. The cause of self-cleaning properties is the water-repellent double structure of the surface. This enables the contact area and the adhesion force between surface and droplet to be significantly reduced resulting in a self-cleaning process.



Treated Condition & Competition:

- a) Crystal clear water droplets adhering on the treated surface.
- b) Water beads will be running down with dirt for self cleaning.
- c) It will be fully evaporated when the Sun comes or can be blown off the surface by the wind.
- d) This layer will not be damaged by the Sun's UV.
- e) This layer can stop migration and chemical attack by acid rain.
- f) There will be no blisters appearing on the treated surface even under hot Sun
- g) It is also well-suited for all PVDF or PE Coated aluminum surface.
- h) Owing to the excellent hydrophobic performance, cleansing works can be done much better and easier.
- i) The layer has a fairly long service life and durable.



Technique Parameter:

Adhesive strength(row the space method) 0 class

Pencil degree of hardness(\geq)2 Hs

Chemistry character 10% sulfuric acid,10% hydrogen oxidizes,10% nitric acid,10% ammonia water, methyl benzene soaks 21 days,

Bear impact \geq 50 kg cms

Touch dry time 15 minutes

Total dry time <48 hours

Color: Please read the color card or provide sample products

Storage:

Place in cool, dry, well ventilated storage, normal temperature descend protect 6 months of quality period.



Announcements:

1. The water hurls the clean surface filth, dust: Use the appropriate detergent with degrease divided by the clean grease.
2. Apply smaller 75% weather in opposite temperature start construction, avoid in rain, fog, snow & weather period.
3. Treatment shall be apply temperature 0-40 °C ,
4. Prohibition against to water on the treatment period.
5. Guarantee the good airiness; Arrive the eye such as the coating, please flush with the clear water immediately.
6. There is combustible composition in the coating, Keep off the fire source combine prohibition against smoking cigarette.

Guarantee:

The information given on these product data sheet is based upon tests believed to be accurate at the time of printing, but since we have no control over the working conditions, materials involved and the circumstances under which the purchasers stores, handles or used this material, we make no warranty or condition either express or implied, with respect to this material. We reserve the right to alter any of the foregoing information at any time without prior notice.

Formula SKK Protector “FSP”

Product Introduction:

FSP was special developed for all painted tiles, bricks & SKK paint series surface in 2009. It is a colorless, odorless, non-toxic, non-caustic, non-flammable & water-based penetrating treatment. Its technology is such that it replaces, and out-performs many of the existing coatings in most painted surface applications.



Untreated VS treated

Function (Treated):

- j) Crystal clear water droplets adhering on the treated surface.
- k) Water beads will be running down with the dust and freely down the surface with no trail or streak.
- l) It will be fully evaporated when the Sun comes or can be blown off the surface by the wind.
- m) This protective layer can stop more than 18 different sauces such as acidic water, alkaline, oil and grease, curry, chilly, red wine, soya sauce, coke, hand dirt's & chewing gums ... etc.
- n) Anti- ultraviolet
- o) Stop migration and chemical attack by acid rain.
- p) Well-suited for all masonry.
- q) Excellent hydrophobic performance, cleansing works can be done much better and easier.
- r) No blisters appearing on the treated surface even under hot Sun.
- s) The layer has a fairly long service life and durable.



No color change between the treated and untreated surfaces



Condition on rough masonry surface

Color: Please read the color card or provide sample products

Packing:

20 liter in bucket

Storage:

Place in cool, dry, well ventilated storage, normal temperature descend protect 6 months of quality period.

Formula Glass & Ceramic Protector “FGCP”

Product Introduction:

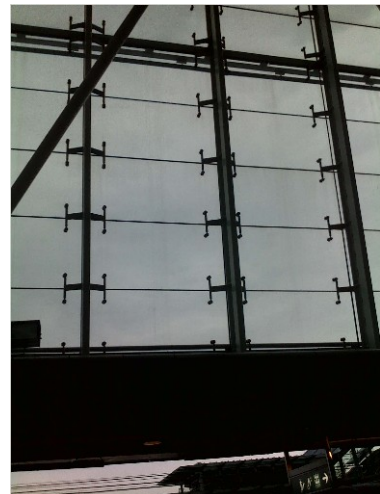
FGCP was NANO technology product carefully design to protect the treated surface against dirt. **FGCP** creates permanent NANO-coating that protects surfaces such as glass, ceramic tiles from the sediments, suds & others dirt with **FGCP** formula, the surface care does require any aggressive detergents. In the order to main hygiene & sanitation of the shower cabinet, simply up with dry or damp cloth.



FGCP colorless, odorless, non-toxic, non-caustic, non-flammable & water-based penetrating treatment. **FGCP** protects treated surface from adhering of dirt by effect of repelling foreign substances.

Advantage:

- Anti-acid rain
- Easy clean for the dried shits of birds
- No water trail or streak on the surface
- No need the cleaner after treated
- Reduce the routines of cleaning cost



Color: Please read the color card or provide sample products

Packing:

20 liter in bucket

Storage:

Place in cool, dry, well ventilated storage, normal temperature descend protect 6 months of quality period.