

Anti-Fingerprint and Stain Resistance Coating

Fine Guard 3 (FG3)

- The hydrophilic surface makes fingerprints and other stains unnoticeable, fingerprints and stains can be easily removed by wiping with water.
- The thickness of the FG3 layer is as thin as about 1 μm. Can be bent and lightly pressed.
- FG3 is eco-friendly coating, because it dose not contain PFAS and VOC.
- The hard glassy like coating with excellent scratch resistance, the effect lasts semi-permanently.
- Usage : interior, exterior, elevator parts, housing equipment, kitchen equipment, etc.

Characteristics and Usage

Fingerprint is less visible



Without FG3

With FG3

Stains can be lifted up by water



Without FG3

With FG3

FG3 is hydrophilic, oil-based marker trace can be lifted up by water.

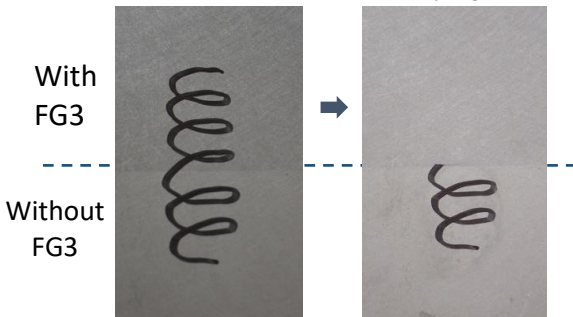
Hard Coating

	Pencil Hardness
Stainless Steel	3H
FG3 coating	9H
Fluorine coating (Ref.)	H

Coating Durability

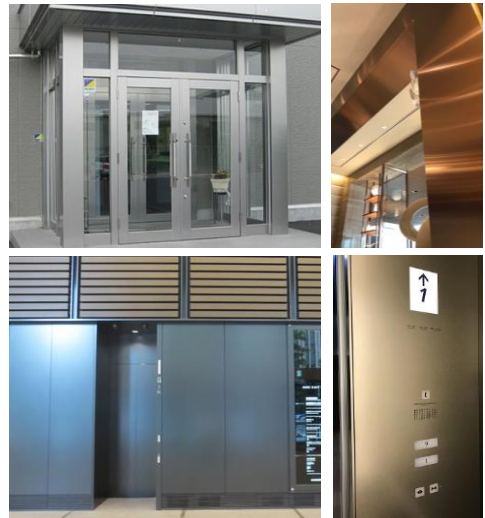
Tested on the material sheet been exposed outdoor for 12 years.

(Marked by marker) (After wiping with wet cloth)



FG3 is still effective after 12 years outdoor exposure. Because of the inorganic compound, the chemical composition of FG3 stays stable.

Usage Example



Entrance, Interior, Elevator panel

Specification

1. Subjected Material: Stainless Steel, Colored Stainless Steel (NEUES and Fine Color)
2. Production Specification : Thickness: 0.8~3.0mm, Width: max 1,219mm, Length: max 5,000mm.

Possible FG3 coating process on finished product, please contact us.

※When it is exposed outside, it may occur stainless steel corrosion and deteriorate coloring appearance, depending upon conditions.



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