

Keeping the beauty of the wood longer

Outstanding anti-fading function
Clear paint for wood parts

Two component type urethane coating Smile UP Exterior

Color (once or twice)

VATON^{FX}
バトン



Undercoat and Topcoat

Smile UP Exterior

A liquid : B liquid=1:1
Clear / 50% matted / 100% matted

It has coating film elongation and strength that follow the movement of wood important for external paint, and it protects the wooden part for long period by the anti-fading function and keeps the aesthetic appearance.

Safety

Coated film conforms to Food Sanitation Law.

Safety type which does not contain toluene, xylene, formaldehyde, etc. related to sick house.

Outstanding durability

Boiling→80℃→ - 20℃	50 cycle	No abnormality
80℃⇔ - 20℃	300 cycle	No abnormality
Super UV 500hrs		No abnormality
Hybrid Exposure System	15 cycle	No abnormality



6 months Outdoor exposure Painted to Jarra material

Smile UP Exterior Conventional urethane coating



Durability test by Hybrid Exposure System

Smile UP Exterior



Blank



It's considerable in progress for **5 years**

Smile UP Exterior - Standard painting specification -

1. In case of Brushing

Process	Material / Mixing ratio	Application quantity	Drying time
Color (once or twice)	VATON^{FX} バトン 100	30-50g/m ²	1day over 1coat / 1day *1
Undercoat (once or twice)	Smile UP Exterior A liquid Clear 100 Smile UP Exterior B liquid 100 Smile UP Thinner #200 0-20	80-100g/m ²	16hours over
Sanding	Wet type Sand paper No. 280		
Topcoat	Smile UP Exterior A liquid Each Mat 100 Smile UP Exterior B liquid 100 Smile UP Thinner #200 0-20	60-80g/m ²	1day over

*1 Please paint before confirming that color deviation does not occur in the inconspicuous part before painting 6060.
Please dry thoroughly if there is color drift.

2. In case of Spraying (Only Smile UP Exterior)

Process	Material / Mixing ratio	Application quantity	Drying time
Color (once or twice)	VATON^{FX} バトン*2 100	30-50g/m ²	1day over 1coat / 1day *1
Undercoat (once or twice)	Smile UP Exterior A liquid Clear 100 Smile UP Exterior B liquid 100 Smile UP Thinner #200 40	80-100g/m ²	16hours over
Sanding	Wet type Sand paper No. 280		
Topcoat	Smile UP Exterior A liquid Each Mat 100 Smile UP Exterior B liquid 100 Smile UP Thinner #200 60	60-80g/m ²	1day over

*1 Please paint before confirming that color deviation does not occur in the inconspicuous part before painting 6060.
Please dry thoroughly if there is color drift.

*2 Please paint **VATON^{FX}** by a brush.

Precautions for use

- Please refer to VATON brochure and individual technical data separately for VATON painting.
Depending on the type of material, wiping is necessary, or cautions such as moisture content of the material are necessary.
- Be sure to use luster as the undercoat for mat finish.
Avoid using weatherproof mattress as weather resistance and durability are inferior.
- Coating materials can not be applied to live trees or those with a moisture content of 20% or more.
- Please keep paint in cool dark place at less than 35 °C .
Leave it in direct sunlight, please avoid avoiding it because there is fear of alteration.
- As residual liquid (Solution B) in the container reacts with moisture in the air, please keep it tightly closed immediately after use.
- Hybrid Exposure System is a super accelerated weathering test system,
which can be evaluated with a multiplication factor of 100 times with a coating film and 1000 times with a coloring agent as compared with a usual weather meter.
- Please polish after sufficient hardening. In the case of drying failure, the paper becomes lumpy.
Especially when dry abrasive paper is used, coating peeling and poor interlayer adhesion can occur.