

FREE WASH KS M 6030 CLASS4

Two-component wash primer

※ This product can be used in the room of public use facilities and multi-unit dwellings with households of not less than 100 to less than 500 under the Indoor Air Quality Control Act.

This paint is a two-component wash primer with no detection of regulated material such as heavy metal, which is made by using polyvinyl butyral modified resin with strong adhesion, excellent anti-corrosive pigment and phosphoric acid catalyst. It is also widely used as a pre-treatment etching primer for metals because of its excellent adhesion with subsequent primer and top coat. (KS M 6030 Class4)

Usage

A pre-treatment primer that can be applied to steel and nonferrous metals (aluminum, zinc steel, etc.)

Specification

Paint type	Modified polyvinyl butyral resin / Wash primer (Two-component)			
Drying time	Category	5°C	20°C	30°C
	Set to Touch	30 minutes	20 minutes	10 minutes
	Dry-Hard	40 minutes	30 minutes	20 minutes
	Over-coat (Min.)	4 hours	2 hours	1 hour
	Over-coat (Max.)	72 hours	72 hours	72 hours
	Maturation time	10 minutes	5 minutes	3 minutes
	Pot life	16 hours	12 hours	8 hours
Thinner	No dilution(Cleaning thinner: DR-510)		Dilution ratio	No dilution
Specific gravity	Approx. 0.9		Solid volume ratio	Approx. 20±1%
Theoretical Coverage	20m ² /ℓ (1 coat - 10μm)		Thickness of dried film	10μm
Color	Black, gray		Flash point	7°C
Mixing ratio	Base(A)/Hardener(B)=2/1(weight ratio)		Gloss	Matte
Shelf life	12 months (well-ventilated dry, cold and dark location)			

Product Properties (Physical Property Data)

Excellent adhesion	A pre-treatment primer that can be applied to steel and nonferrous metals (aluminum, zinc steel, etc.)
Superior film property	Adhesion, anti-corrosive properties, workability are excellent.

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2. Apply immediately after surface treatment of the steel. 3. Light metals should be coated after solvent cleaning. If washed after polished with abrasive paper, adhesion will be better.
Coating Method	1. Coating can be done by either brush, roller, or airless spray coating. 2. Airless spray coating: - Tip diameter : 0.013"~0.017" - Injection pressure : 1500~2000 PS.I(105~140kg/cm ²) - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	1. Follow-up Coating : Applicable to KS M 6020 Class2 Enamel, Epoxy, urethane paint.
Remarks	1. Precautions - Mix by slowly adding the hardener part (acid part) to the base part, using an accurate mixing ratio. - Since this paint cannot completely hide the material, top coating can be applied in the case there are no problems in the coating even if covered area is uneven after coating. - As this paint is used as a pretreatment agent, it should be thinly coated. If coated thickly, adhesion is lowered. - Apply a top coat within 72 hours. - Store at room temperature (5~35°C) since it can change into gel if it is stored at low temperatures of 4°C or below for a long period of time. (If paint that has turned into gel is warmed up to room temperature by placing it in a warm room or warm water and is stirred well, it turns back to the original state.)