WASH COAT DHDC-1520

Two-component wash primer (dark green/reddish brown), long exposure ty

WASH COAT is a two-component shop primer made by using polyvinyl butyral resin, which is highly adhesive to steel surfaces, zinc chromate anti-corrosive pigment, and phosphoric acid catalyst. This paint has good adhesion to steel surfaces and good anti-corrosive properties, thus it is used as a long-life wash primer. It is also used as an etching primer for nonferrous metals and light metals.

Usage	1. Shop primer for metal plates 2. Anti-corrosive primer for steel 3. Etching primer for nonferrous metals, light metals, etc.

Specification

Paint type	Etching shop primer / Long exposure type (Two-Component)				
Drying time	Category	5℃	20℃	30℃	
	Set-to-touch	10 minutes	5 minutes	3 minutes	
	Dry-hard	30 minutes	20 minutes	10 minutes	
	Over-coat (Min.)	6 hours	3 hours	2 hours	
	Maturation time	10 minutes	5 minutes	3 minutes	
	Pot life	16 hours	12 hours	8 hours	
Thinner	DR-510		Dilution ratio	▷Brush, roller coating: less than 10% ▷Spray coating: less than 15% ▷Airless, spray coating: less than 5%	
Specific gravity	Approx. 0.9				
Theoretical Coverage	0.11kg/㎡(8㎡/ℓ)-15㎛		Solid volume ratio	Approx. 12±1%	
Color	Dark green, reddish brown		Thickness of dried film	15㎛	
Mixing ratio	Base(A)/Hardener(B)=4/1 (Weight ratio)		Flash point	7℃	
Gloss	Matte		Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

How to Use

Surface treatment (solvent cleaning)	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Apply immediately after surface treatment of the steel. 3. When it is used as a shop primer for steel, surface treatment should be of at least SSPC-SP 10 or SA2 1/2 level (Near White Blast Cleaning). 4. Light metals should be coated after solvent cleaning. If washed after polished with abrasive paper, adhesion will be better. 5. Surface treatment for nonferrous metals should be done by solvent cleaning (SSPC-SP1).
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/㎠) - Store the coating equipment after cleaning with an exclusive thinner immediately after use. 3. Clean the surface of the welded part with a disc sander after primer coating and then proceed with coating after touch-up to approx. 5~10㎛.
Preceding & Follow-up Coating	1. Follow-up coating: Oil-based paint, alkyd resin, phenol resin, vinyl resin, chlorinated rubber resin, epoxy resin, urethane resin, PVDF paint
Remarks	1. Product with similar specifications: KSM-6030(Type 4, Grade 1), JIS-K-5633(Type 2) 2. Precautions - Mix by slowly adding the hardener part (acid part) to the paint 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 24 hours. - Store at room temperature (5~35℃) since it can change into gel if it is stored at low temperatures of 4℃ 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.)