CATHOZINC SHOP PRIMER TYPE-2

PRODUCT NUMBER	No.1021(SP-09)
TYPE	A two-pack, inorganic zinc rust preventive primer based on ethyl silicates, additives and zinc powder.
USES	Used for blast-cleaned steel structures, such as ships, storage tanks and coastal facilities etc.
CHARACTERISTICS	1. Excellent resistance to corrosion and weathering.
	2. Excellent heat resistance with slight scorched areas in cutting and welding.
	3. Very good properties for EPM operations.
	4. Excellent cutting and welding properties.
	5. Excellent for coating application.
	6. Very slight zinc fume in cutting and welding, great safety for working personnel.
	7. Excellent overcoat ability with various kinds of coatings.
	8. No zinc dust annoyance during application.

FINISH	Flat
COLOR.	Gray
FLASH POINT	Above 14℃ (57℉) (mixture)
VISCOSITY	Above 80 KU (25℃)
DRYING TIME	Set-to touch 2 mins. Dry hard 5 mins. (25℃, RH=75%)
OPTIMUM FILM THICKNESS	Wet 54 microns (2.2 mil) Dry 15 microns (0.6 mil)
VOLUME SOLIDS	Above 28% (mixture)
THEORETICAL COVERAGE	70.0 ㎡/Gal 18.5 ㎡/L 14.6 ㎡/Kg
MIXING RATIO	Base : Hardener = 37.5 : 62.5 (by wt.)
THINNER	SP-14 Thinner
THIINNING RATE	0~10% (by wt., cleaning tools excluded)
POT LIFE	24 hrs. (25℃, mixture)
SUBSEQUENT COATS	Chlorinated Rubber, Epoxy, Vinyl, Polyurethane or Alkyd paint systems.
SURFACE TREATMENT	SIS Sa 2 1/2
STORAGE SHELF LIFE.	Minimum 6 months under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller.
FOR AIRLESS SPRAY	Tip Size 0.017"~ 0.021"
	Air Pressure 3 ~ 5 Kg/cm^2
	Pump Ratio 33 : 1 or greater
	Tip to Object 30 ~ 50cm
NOTE	1. Pour additives to binder with thorough blending, and stir constantly application to prevent settling.
	2. All equipment must be cleaned immediately after use.
	3. Can be applied during 0~40℃ ambient temperature and 40~95 ％ relative humidity.
	4. Steel surfaces must be blast-cleaned to or above SIS Sa 2 1/2.(The roughness should be 45~65 μm)
	5. When used inside tanks, sufficient ventilation must be provided.