

New Middle East

نيو ميدل ايست

Supplies & Paint Trading

Factory : ElOubour City. Anshas Road.

Industrial Zone

Mobile : 01003412119

Tel : 0552642530

Email : new.middle.east100@gmail.com



للتوريدات و تجارة البويات

المصنع : مدينة العبور - طريق انشاص
المنطقة الصناعية

موبايل : ٠١٠٣٤١٢١١٩

تليفون : ٠٥٥٢٦٤٢٥٣٠

Medy Primer ZP 1003

DESCRIPTION

- Modified zinc phosphate alkyd primer.

PRINCIPAL CHARACTERISTICS

- Excellent anticorrosive properties for atmospheric and high temperature exposure conditions
- Good adhesion to pretreated steel and pretreated aluminum
- Can be spray applied up to 75 μm dft
- Heat resistant up to 175 °C dry
- Lead and chromate free.

COLOR

- Grey ,Beige and other colors.

BASIC DATA

- $1\text{g}/\text{cm}^3 = 8.25 \text{ lbs}/\text{US gal}$; $1\text{m}^2/\text{l} = 40.7 \text{ ft}^2/\text{US gal}$
(Data for mixed products at 20°C)

Specific gravity

- Approx. $1.30 \text{ gm}/\text{cm}^3 \pm 3\%$

Viscosity/ cup4 at 25°C

- 150-170 sec

Solid Content by Volume

- approx. 49% by volume

Flash point

- 40°C

THEORETICAL SPREADING RATE

- Approx. 6-8 m^2/ltr depending on the nature and condition of the substrate and the application method employed

DRYING PROPERTIES

(temperature 25°C and 60% relative humidity)

Touch dry

- 2 hours at 20°C

Tack free

- 3-4 hrs

Over Coating interval

- Minimum 16 hours---- Maximum UNLIMITED

SHELF LIFE
(cool and dry place)

- At least 12 months

Recommended substrate conditions and temperatures

- Steel : blast cleaned to ISO-Sa^{1/2}
- Steel : power tool cleaned to min ISO-St₂
- Shop primed steel: sweep blasted or power tool cleaned to SPSS-Ss or SPSS-Pt₂
- Aluminum : etched and passivated etch primed or sufficiently roughened
- Previous coat : dry and free from any contamination.
- Substrate temperature should be at least 3°C above dew point Substrate temperature may not exceed 50°C

DIRECTION OF USE

- The Surface of Steel should be clean and free from any contamination
- Remove rust by wire brushing or sand blasting
- Stir paint well before use.
- The temperature of the paint should be above 15°C otherwise
- extra thinner may be required to obtain application viscosity
- Too much solvent results in lower sag resistance

AIRLESS SPRAY

Recommended thinner
Volume of thinner
Nozzle orifice
Nozzle pressure

- Medy Thinner 1000 (flash point 38°C)
- 0-10 %
- Approx. 0.43mm (0.017 inch)
- 12-15 MPa (approx. 120-150 at 1700-2100 p.s.i)

AIR SPRAY

Recommended thinner
Volume of thinner
Nozzle orifice
Nozzle pressure

- Medy Thinner 1000 (flash point 38°C)
- 0-3 %
- 1.8 – 2mm
- 0.35 MPa (approx. 3.5 at 50 p.s.i)

BRUSH/ROLLER

**recommended thinner
volume of thinner**

- Medy Thinner 1000 (flash point 38°C)
- 0-5%

CLEANING SOLVENT

- Medy Thinner 1000 (flash point 38°C)

PACKAGING

- 25 Kg (Gross weight)

SHELF LIFE

- 12 months sealed and stored in well ventilated area

**SAFETY
PRECAUTIONS**

- Gloves, fresh air and mask recommended
- Combustible, keep away from heat and open flame
- Avoid prolonged contact with skin and breathing of vapor or spray mist
- Do not take internally
- Close container after each use
- Use in adequate ventilation

REMARKS

- This guideline is given based on the current knowledge of the product. any suggested deviation to suit the site's conditions should be forwarded to our responsible representative for approval before commencing the work.
- No warranty or guarantee implied is made regarding the performance of these coatings since the use and application is beyond our control