



UNISEAL # 220 SF

General Description:

UNISEAL # 220 SF is a two-component sealer based on epoxy resin and amine adduct hardener. It is developed specifically to seal open pores of concrete and steel that requires chemical and abrasion resistance.

Major Uses:

As a primer sealer prior to topcoating. For use as concrete conditioner and steel protector in any coating system. (P.U., Acrylic, Epoxy, Chlorinated, Etc.)

Advantages:

- Abrasion and impact resistant.
- Temperature and chemical resistant.
- Provides high build sealer.
- Easy to apply.

Characteristics and Physical Properties:



Color	Transparent
Mixing Ratio	2 : 1 By Volume
Specific Gravity	1.0 +/- 0.2
Solid content	98 % +/-
Viscosity B	75 cps.
Dft.	100 microns.
Pot Life @ 25°C	1 hr.
Flash Point	>110°C
Coverage	10 m ² / lit.
Drying Time	
Tack Dry	12 – 24 hrs.
To Recoat	12 – 24 hrs.

Application Details:

Method of Application: By brush, roller airless and Conventional Spray

Spray Data	
Conventional Spray	
Nozzle Orifice	2 – 3mm.
Nozzle Pressure	43 – 57 psi.
Dilution	5 – 10 %
Thinner	# 135

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

FACTORY	:	P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E TEL : 06 – 5311777, FAX 06 - 5311330:	  D-111/2004
SHOWROOM	:	P.O. BOX NO: 23085, INDUSTRIAL AREA, SHARJAH, U.A.E TEL : 06 – 5328533, FAX 06 - 5328610	
Website	:	http://www.maspaints.com/ Email : masuae@emirates.net.ae	

Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Thinner	135

Application Condition: Temperature of the substrate should be min 5°C.

Surface Preparation:

Concrete:

Concrete should be dry, free from dust, oil, lose debris and other contaminants. Remove all existing coat (if any) by scrapping, grinding or paint removing. Apply one (1) coat of etching solution and rinse with fresh water and let it dry to ensure an excellent penetration.

Steel:

Sandblasting is not applicable, wire brushing is recommended. Remove all laitance, oil, grease and other contaminants prior the application of subsequent coatings.

Storage:

Keep resins and hardeners in a cool place below 25°C. Keep the container tightly closed. Shelf life of 12 months minimum.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner # 135 as soon as possible.

Packing:

Available in 4 lit. Set and 20 lit. Set.

Precautions:

UNISEAL # 220 SF contains no solvents, nevertheless use protective gloves and eye goggles when handling this product. It is recommended to provide proper ventilation on a working area. If contact with skin or splash in eyes, wash with fresh water and seek medical advice.