

# PRO prime

## Technical Product Data

### P-140 Two-Part Epoxy Primer

#### BASIC USES & DESCRIPTION:

P-140 is a two-part, water-based primer created to strengthen the adhesion of PM silicone over multiple substrates. It is safe and easy to use, easy to clean up, and has little to no odor. Although P-140 was specifically designed for use over concrete roof surfaces, it can also be used on metal, wood, most single-ply membranes, and existing coatings.

#### APPLICATION

**MIXING:** Start by mixing each component individually. Next, combine Part A and Part B and mix thoroughly. Avoid over mixing. This can cause product thickening. Once mixed, the usable pot life is 2 hours at 75°F (24°C). You can extend the pot life up to 3 hours by adding small amounts of water to mixture. Add just enough water to achieve the original consistency. Discard material that has been mixed for over 4 hours. Mixing ratio is 1:1.

**APPLICATION:** P-140 may be applied by brush, roller, or spray. You may use any airless spray equipment capable of 2,000 psi (13,789 kPa) and 1 gallon per minute (3.8 L/minute) delivery. Recommended spray tip is a reversible, self-cleaning tip. Orifice size - .015" to .021" (.4 mm to .5 mm). Minimum 40-degree fan angle.

#### STORAGE AND SHELF LIFE:

When stored in unopened containers between 50°F and 100°F, P-140 has a recommended shelf life of 12 months from date of manufacture. You can find the manufacture date on the product label.

#### TYPICAL PROPERTIES

As Supplied:			
Appearance:	Gray (after thorough mixing)	Clean Up:	Water
Total Solids (weight):	60% +/- 2%	Dry to Touch:	1 Hour at 75°F (24°C)
Weight Per Gallon	11.7 lbs/g (after mixing)	Cure Time:	24 Hours at 75°F (24°C)
VOC:	<100 g/L (after mixing)		

#### CAUTIONS & RECOMMENDATIONS

Always protect P-140 from freezing. If P-140 freezes it will no longer be usable. If conditions will not permit a complete cure before rain, dew, or freezing temperatures occur do not apply. Do not apply in the late afternoon if moisture condensation can appear during the night. Do not apply at temperatures below 50°F (10°C) or above 130°F (54°C), or when the dew point is less than 5°F (3°C) above the ambient temperature. P-140 is not designed for continuous use without a PM Silicone top coat. If left uncoated, it will chalk and yellow due to UV rays. For all safety information on P-140, please see the P-140 Safety Data Sheet.

#### PACKAGING

P-140 come in 2 parts. Both parts A and B come in a 5-gallon bucket.

#### COVERAGE GUIDE

Substrate:	Coverage Rate:
Concrete	150 - 200 SF / g
Lightweight Concrete	100 - 150 SF / g
Asphalt	100 - 150 SF / g
Metal	300 - 400 SF / g
Mod Bit	75 - 100 SF / g
Single Ply (EPDM, TPO, PVC, Hypalon)	300 SF / g
Wood	300 SF / g

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