

## TECHNICAL DATA SHEET

### DESCRIPTION

Pro-Poxy™ P606 is a two component, 100% solids, flexible epoxy loop sealant.

### USE

Pro-Poxy™ P606 is ideal for securing wiring and lighting fixtures in roadways and airport runways and taxiways in both asphalt and concrete substrates.

### FEATURES

- Pro-Poxy P606 meets FAA P606 requirement
- Pourable consistency
- V.O.C. compliant
- 1:1 mix ratio
- Moisture insensitive
- Compatible with asphalt

### PROPERTIES

Mix Ratio – 1:1, Part A to Part B by volume  
 Color (mixed) – Light gray  
 Gel Time 60 gm mass - 45 minutes  
 Viscosity – 1000 cps  
 Tensile Strength (ASTM D-638): 1600 psi (11 MPa)  
 Tensile Elongation (ASTM D-638): 68%  
 Adhesion to Steel (ASTM D-1002): 1200 psi (8.3 MPa)  
 Adhesion to Concrete (FAA P-606): 250 psi (1.7 MPa)  
 Water Absorbption (ASTM D-570): 0.15%  
 Jet Fuel Absorbption (ASTM D-570): 0.10%  
 Compressive Yield Strength (ASTM D-695): 5,500 psi (37.9 MPa)  
 Compressive Modulus (ASTM D-695): 130,000 psi (896.3 MPa)  
 Cubic Expansion (ASTM 1168): .0010 cm<sup>3</sup>/cm<sup>3</sup>/C  
 Linear Expansion (ASTM 1168): .000033 cm/cm/C  
 ASTM D 149 Dielectric Strength: >450 volts/mil  
 ASTM D495 Arc Resistance Testing: >125 seconds

### VOC

Pro-Poxy™ P606 has a VOC content of 0 g/L and is compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

### Estimating Guide

1 Gallon (3.8L) of mixed epoxy yields 231 in<sup>3</sup> (3746 cm<sup>3</sup>) of epoxy

### Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
140508	Unit	2	7.57
140509	Unit	10	37.85

### STORAGE

The material should be stored at 40°-95°F (5°-35°C). Shelf life of properly stored, unopened containers is 24 months.

### Mixing:

Condition material to 65°- 85°F (18°- 29°C) before using. Premix each component separately, then mix one volume of Part A and one volume of Part B for three minutes with a low speed (<450 rpm) drill using a Jiffy mixer or paddle. Mix only as much material as can be used within the pot life. Air, material, and surface temperatures must be a minimum of 55°F (13°C) prior to mixing or installation.

### CLEAN UP

Tools and equipment: Clean before the epoxy sets up. Use Xylene or Unitex Citrus Cleaner.

### LIMITATIONS

#### FOR PROFESSIONAL USE ONLY

Always test a small amount of Pro-Poxy™ P606 to insure that the product is mixed thoroughly and the material will harden properly before proceeding with the installation.

Do not thin Pro-Poxy™ P606 with any solvents.

Do not expose stored or uncured product to cold or hot temperatures below 40°F (5°C), or above 95°F (35°C) for any length of time.

Note: High temperatures will accelerate the setting time, and cool temperatures will slow down the setting time. As a general rule, gel time will be cut in half for each 10°-15° increase in temperatures above 75°F (24°C).

### PRECAUTIONS

#### READ SDS PRIOR TO USING PRODUCT

- Component A – Irritant
- Component B – Corrosive
- Product is a strong sensitizer, use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children

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- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated.
- If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements
- Cured Epoxy Resins Are Innocuous

### MANUFACTURER

Dayton Superior Corporation  
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Technical Services: 877-266-7732  
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### WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.