

## POLY-TRON PRIMER DATA SHEET

### PRODUCT DESCRIPTION

The Poly-Tron primer is a unique two-component, low viscosity modified elastomeric priming agent developed for use with the Poly-Tron elastomeric concrete. The Poly-Tron primer has excellent adhesion to steel, concrete and asphalt. The lower viscosity allows for a more user-friendly application with better wetting properties.

### MANUFACTURER

R. J. Watson, Inc.  
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### KEY FEATURES

- Excellent adhesion to various substrates.
- Excellent thermal shock resistance.
- Excellent moisture resistance.
- Flexible and resilient.
- Resistant to freeze-thaw changes.
- Very good solvent and chemical resistance.

### MIXING

Protective gloves and splash resistant glasses recommended. Stir individual components prior to mixing together. Mix according to specified mixing ratio with low-speed drill for 90 seconds or until uniform color.

### SHELF LIFE

2 Years in original unopened containers.

### STORAGE

Store between 60°F-100°F, (16°-38°C) Keep from freezing.

### APPLICATION

For best results sandblast all surfaces to receive the Poly-Tron primer. New concrete should cure 80% of designed strength prior to application.

Steel surfaces should be sandblasted to SSPC-10, near-white finish, immediately before the application of the Poly-Tron Primer. Apply at 30

mils thick minimum (80 sq. ft./gal). Apply with gloved hand, brush, or roller, depending on substrate conditions.

For health and safety information please refer to the MSDS.

### PHYSICAL DATA

| Appearance @ 25°C |           |             |                          |
|-------------------|-----------|-------------|--------------------------|
|                   | Part "A"  | Part "B"    | Mixed                    |
| Packaging         | 1 can     | 1 can       | 1.5 gal                  |
| Color             | Straw     | Black       | Black                    |
| Viscosity, cps    | 700 ± 200 | 8000 ± 1000 | -                        |
| Wt./gal., lb      | 9.2 ± 0.2 | 9.0 ± 0.2   | -                        |
| Yield             | -         | -           | 75 ft <sup>2</sup> /unit |

| Ratio & Cure                                      |                 |            |           |
|---------------------------------------------------|-----------------|------------|-----------|
| Mix Ratio                                         | 1 part "A"      | 1 part "B" | By Volume |
|                                                   | 100 "A"         | 98 "B"     | By Weight |
| Mix Yield: 80 sq ft / 1 gal. unit @ 20 mils thick |                 |            |           |
| Cure                                              | Gel Time @ 25°C |            | 15-25 min |
| Initial Cure                                      | 1-3 hours       |            |           |

| Physical Properties                      |                       |            |
|------------------------------------------|-----------------------|------------|
| Percent Elongation                       | 45 ± 10               | ASTM D638  |
| Tensile Strength, psi                    | 2,100 ± 200           | ASTM D638  |
| Tear Strength, pli                       | 375 ± 25              | ASTM D624  |
| Shore D Hardness                         | 65 ± 5                | ASTM D2240 |
| Toughness Factor<br>Cmp * Elng * Tensile | 5.2 * 10 <sup>8</sup> | ASTM D624  |

For Professional Use Only

**KEEP OUT OF REACH OF CHILDREN**

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Protective gloves, clothes, and splash resistant glasses recommended. Direct contact with skin should be avoided as it may cause skin irritation. Fatal if taken internally. Keep from open flame.