

SELECTION & SPECIFICATION DATA

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| Generic Type | Water-based elastomer. |
| Description | A flexible, water-based elastomer that promotes the adhesion of Pyrocrete® 239 to polyurethane foam insulation. Recommended for use over plastic foam insulation to eliminate the requirement for supplementary expanded metal lath reinforcement and mechanical attachment. |
| Features | <ul style="list-style-type: none">• Excellent flexibility• Very good abrasion resistance• 300 % (nominal) elongation |
| Color | White only |
| Wet Film Thickness | 8 mils (200 microns) |
| Dry Film Thickness | 127 microns (5 mils) per coat |
| Solids Content | By Volume 60% |
| Theoretical Coverage Rate | 23.6 m ² /l at 25 microns (962 ft ² /gal at 1.0 mils) 4.7 m ² /l at 125 microns (192 ft ² /gal at 5.0 mils) Allow for loss in mixing and application. |
| VOC Values | As Supplied : 0.67 lbs/gallon (81 g/l) |
| Maximum Service Temperature | Continuous: 250°F (121°C) Non-Continuous: 300°F (149°C) |
| Topcoats | Used as a tie coat for urethane foam insulation with 1" thickness of Pyrocrete® 239. Pyrocrete® 239 should be applied over a tacky surface of Pyroprime® 775 WB. |

SUBSTRATES & SURFACE PREPARATION

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| General | Clean, dry polyurethane or polystyrene foam insulation. Foam insulation shall be clean, dry and free of oxide film or flaking surface. Surface must be roughened. |
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MIXING & THINNING

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| Mixer | Use 1/2" electric or air driven drill with a slotted paddle mixer (300 rpm under load). |
| Mixing | Power mix to a uniform consistency. Avoid excessive air entrapment. If necessary, remove paint film on surface prior to mixing. |
| Thinning | May be thinned up to 32 oz/gal (1.0 l/gal) with clean, potable water. |

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

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| Conventional Spray | Pressure pot equipped with dual regulators, 3/8" I.D. material hose (minimum) and 0.086" I.D. fluid tip and appropriate air cap. |
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Pyroprime 775 WB

PRODUCT DATA SHEET



APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

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| Airless Spray | Use 30:1 airless (minimum) with 3.0 gal. per minute to provide an operating pressure of 2100-2500 p.s.i. |
| Spray Gun | Silver Gun with gun swivel, Contractor Gun (with filter removed) or equivalent |
| Spray Tips | 0.019" - 0.025" (Use Graco heavy duty RAC non diffuser tips and housing) |
| Fan Size | 4"-12" (depending on section being sprayed) |
| Brush & Roller (General) | For small areas or touch-up only. Use a natural bristle brush applying with full strokes. Avoid re-brushing. If rolled, use a short nap mohair roller with phenolic core. Avoid back rolling. |
| Material Hose | 3/8" I.D. minimum |

APPLICATION CONDITIONS

| Condition | Material | Surface | Ambient | Humidity |
|-----------|--------------|--------------|--------------|----------|
| Minimum | 10°C (50°F) | 10°C (50°F) | 10°C (50°F) | 0% |
| Maximum | 49°C (120°F) | 66°C (150°F) | 43°C (110°F) | 95% |

Do not apply when the surface temperature is less than 5°F (3°C) above the dew point.

CURING SCHEDULE

| Surface Temp. | Exterior (Sunlight) | Interior |
|---------------|---------------------|----------|
| 21°C (70°F) | 4 Hours | 8 Hours |
| 21°C (70°F) | 24 Hours | 48 Hours |

Recoat times listed above will vary with temperature and humidity conditions. Air movement and exposure to sunlight will shorten recoat windows and will assist drying.

CLEANUP & SAFETY

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| Cleanup | Pump, Gun, Tips and Hoses and mixer should be cleaned at least once per day with water. |
| Safety | Follow all safety precautions on the Pyroprime® 775 WB Material Safety Data Sheet. It is recommended that personal protective equipment be worn including spray suits, gloves, eye protection and respirators when applying Pyroprime® 775 WB. |
| Overspray | All adjacent and finished surfaces shall be protected from damage and overspray. |
| Ventilation | In enclosed areas, ventilation shall not be less than 4 complete air exchanges per hour until the material is dry. |

TESTING / CERTIFICATION / LISTING

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| FM Global | Pyroprime® 775 WB has been tested and listed by Factory Mutual for use as a tie-coat over urethane foam insulation with a 1" thickness of Pyrocrete® 239 as a thermal barrier. |
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PACKAGING, HANDLING & STORAGE

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| Packaging | 1 gallon / 5 gallons |
| Shelf Life | 12 Months *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers. |
| Storage | Store indoors in a dry environment between 40°F - 110°F (4°C - 43°C). Protect from freezing. |
| Shipping Weight (Approximate) | 10 lbs. per gallon |

WARRANTY

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