

ETECO, INC.

POLYURETHANE SPECIALIST

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SPL H4070 FR

Product Information

SPL H4070 FR is a 100% solids high-performance, multi-purpose, fire retardant, polyurethane coating designed for processing through plural component, high-pressure dispensing equipment. Once fully cured, this material is tough and hard with excellent tensile strength with moderate impact resistance. SPL H4070 FR was designed to be sprayed over EPS and Urethane Board stock. SPL H4070 FR is also an excellent product to replace Polyester Resins and Fiberglass.

Physical Properties (Components)

| | Component A | Component B |
|--------------------------|-------------|-------------|
| Viscosity at 75°F (cps) | 500 - 700 | 900 - 1300 |
| Specific Gravity (gr/ml) | 1.16 - 1.18 | 1.06 - 1.08 |

Physical Properties (Final Product)

| | |
|------------------------------------|-----------------|
| Hardness, Shore D, ASTM D-2240 | 70 |
| Tensile Strength (psi), ASTM D-412 | 6800 |
| Elongation (%), ASTM D-412 | 5 |
| Flex Modulus (psi) ASTM D-790 | 375,000 |
| Color | Natural / Black |

Handling Characteristics

| | |
|----------------------------|---------|
| Mix Ratio by Volume (A/B) | 50 / 50 |
| Gel Time at 75°F (seconds) | 30 - 60 |
| Tack Free Time | 30 - 75 |
| 90% Cure Time (hours) | 24 |

Storage and Shelf Life

Components should be kept well sealed in a dry place from 70 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Mix Component B well prior to each use. Purge opened containers with dry nitrogen before resealing. Refer to product SDS for more information.

Packaging

| | | | |
|--------------|-----------------------------------|--------|------------|
| Component A: | 55 gallon steel drum (closed top) | 500 lb | Net Weight |
| Component B: | 55 gallon steel drum (open top) | 450 lb | Net Weight |

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