

TECHNICAL DATA BULLETIN ASC-250 ROOFING FOAM SYSTEM

DESCRIPTION

ASC-250 is co-blown rigid polyurethane foam spray system designed for roofing and general purpose insulation applications. The system is designed for use with all types of urethane spray applied foam dispensing equipment. DP-250 is environmentally friendly and its reactivity is adjusted seasonally to compensate for climate changes.

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | TESTED METHOD | RESULTS |
|---------------------------------------|---------------|------------|
| Density (overall) | ASTM D-1622 | 2.5 pcf |
| Compressive Strength Parallel | ASTM D-1621 | 40 psi |
| Tensile Strength | ASTM D-1623 | 40 psi |
| Closed Cell Content | ASTM D-1940 | 90% |
| K-Factor, initial | ASTM C-518 | 0.13 |
| Dimensional Stability | ASTM D-2126 | |
| Humid Aging (28 days, 158F, 100% R.H) | | +11% - 15% |
| Dry Aging (28 days, 158, dry) | | +5% - 8% |
| Freeze (5 days, -20°F dry) | | -2.0% |



LIQUID COMPONENT PROPERTIES

| PROPERTY | METHOD | VALUE |
|------------------|----------------|---|
| Mix Ratio | By Volume | 1.0 to 1.0 |
| Specific Gravity | ASTM D-1638 | 1.22 - 1.25 |
| Viscosity @ 77°F | Brookfield RVP | A component 200 ± 50cps B component 500 ± 100cps |

WARNING: Polyurethane product manufactured or produced from these chemicals may present a serious fire hazard if improperly used or allowed to remain exposed or unprotected. The character and magnitude of any such hazard will depend upon a broad range of factors which are controlled or influenced by the manufacturing or production process, by mode of application or installation and by the function and usage of the particular product. Each person, firm or corporation engaged in the manufacture, production, application, installation, or use of any polyurethane product should carefully determine whether there is a potential fire hazard associated with such product in a specific usage and utilize all appropriate precautionary and safety measures. PLEASE READ THE MATERIAL SAFETY DATA SHEETS FOR THE PROPER USE AND HANDLING OF THESE MATERIALS!

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