



1000 South Linwood Avenue  
Santa Ana, CA 92705  
Phone: (714) 480-1370, Fax: (714) 558-1990

Date: 06/10/2002  
Revision: 02/10/2007

## RS 1203

### Product Information

RS 1203 is a two-component CFC, HCFC and HFC free polyurethane foam designed for Spray in place applications. This formulation is recommended where thermal insulation and environmentally friendly efficient products are required. RS 1203 Spray in place foam system shall be applied in half inch passes or less, maximum 1 inch passes, using standard plural component polyurethane foam high pressure, impingement mix temperature controlled equipment.

### Liquid Properties (Components)

|                          | Component A | Component B |
|--------------------------|-------------|-------------|
| Viscosity at 75°F (cps)  | 180-220     | 600-800     |
| Specific Gravity (gr/ml) | 1.22-1.23   | 1.04-1.07   |

### Physical Properties (Final Product)

|                                    |               |
|------------------------------------|---------------|
| Free Rise Density (pcf)            | 2.90–3.90 pcf |
| K-Factor (ASTM C-177)              | 0.18-0.20     |
| Closed cell content (ASTM D-1940)  | over 93%      |
| Compressive Strength (ASTM D-1620) | 57 psi        |
| Tensile Strength (ASTM D-1623)     | 83 psi        |

### Handling Characteristics

|  |       |
|--|-------|
| Mix Ratio by Weight (Component A/ Component B) | 50:50 |
| Mix Ratio by Volume (Component A/ Component B) | 52:48 |

|                                 |         |
|---------------------------------|---------|
| Cream Time (at 75°F), (seconds) | 3 - 4   |
| Rise Time (seconds)             | 10 -12  |
| Tack Free Time (seconds)        | 10 - 12 |
| Cure Time                       | 4 hours |

### Storage and Shelf Life

Components A and B should be kept well sealed in a dry place at a temperature between 55 and 90°F. Shelf life of unopened containers is 6 (six) months from a manufacturing date. Purge opened containers with dry nitrogen before resealing. Refer to MSDS of the product for more information.

### Packaging

|              |                                    |                    |
|--------------|------------------------------------|--------------------|
| Component A: | 55 gallons steel drum (closed top) | 500 lb Net Weight  |
|              | 275 gallons plastic totes          | 2500 lb Net Weight |
| Component B: | 55 gallons steel drum (closed top) | 450 lb Net Weight  |
|              | 275 gallons plastic totes          | 2250 lb Net Weight |

**Non-Warranty:** This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Eteco, Inc. The data on these sheets relates only to the specific material designated herein. Eteco, Inc. assumes no legal responsibility for use or reliance upon this data. The user should conduct sufficient investigation to establish the suitability of any product for its intended use.