

# R&R® EURO-SIL™ ALUMINOSILICATE



R&R Euro-Sil aluminosilicate is produced from a naturally occurring mineral and is therefore subject to variability.

Available from Europe.

## Typical Material Properties\*

| % on fired                                       | 41   | 45   |
|--|------|------|
| Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ) | 41.0 | 45.0 |
| Silicon Dioxide (SiO <sub>2</sub> )              | 54.0 | 50.9 |
| Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )   | 1.7  | 1.4  |
| Titanium Dioxide (TiO <sub>2</sub> )             | 1.9  | 1.6  |
| Potassium Oxide (K <sub>2</sub> O)               | 0.6  | 0.4  |
| Sodium Oxide (Na <sub>2</sub> O)                 | 0.1  | 0.1  |
| Calcium Oxide (CaO) + Magnesium Oxide (MgO)      | 0.4  | 0.6  |

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

## Sieve Analysis (% Retained)\*\*

| Sieve (mm)<br>Grade | <0.050  | >0.050  | >0.08 | >0.100 | >0.200     | >0.350 | >0.400  | >0.500    | >0.800    | >1.000   |
|---------------------|---------|---------|-------|--------|------------|--------|---------|-----------|-----------|----------|
| 30x80               | 0.0-0.1 | 0.0-5.0 |       |        | 90.0-100.0 |        |         | 0.0-5.0   |           |          |
| 16x30               | 0.0-0.1 | 0.0-1.0 |       |        |            |        | 0.0-4.0 | 42.0-82.0 | 14.0-54.0 | 0.0-10.0 |
| 200                 |         | 15-25   | 2-5   | 1-3    |            |        |         |           |           |          |
| 140                 |         | 20-35   | 7-12  | 4-8    |            |        |         |           |           |          |

\*\*Other grades are available upon request.

## Safety

Danger. Contains respirable crystalline silica. May cause damage to lungs through prolonged or repeated exposure. See SDS for more information.

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