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## SUPER DUTY FIRE BRICK SK-34



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|---|--------------------------------|---------------------------------------|
| <b>Classification:</b>                        |                                | Super Duty Fire Brick                 |
| <b>Typical Chemical Analysis:</b>             | Al <sub>2</sub> O <sub>3</sub> | 45%                                   |
|   | SiO <sub>2</sub>               | 50%                                   |
|   | Fe <sub>2</sub> O <sub>3</sub> | 2.5%                                  |
| <b>Refractoriness:</b>                        |                                | 1710°C min                            |
| <b>Bulk Density:</b>                          |                                | 2.10g/cm <sup>3</sup> min             |
| <b>Apparent Porosity:</b>                     |                                | 20% - 24%                             |
| <b>Cold Crushing Strength:</b>                |                                | 35MPa min                             |
| <b>Refractoriness Under Load: 0.2MPa °C ≥</b> |                                | 1350 min                              |
| <b>Linear Change After Reheating:</b>         |                                | 1450°C x 2h -0.3 - +0.1%              |
| <b>Standard Size</b>                          |                                | 230 x 115 x 75mm                      |
| <b>Standard Sizes: Side Arch (Tapered)</b>    |                                | 230 x 115 x 75/69mm, 75/63mm, 75/51mm |

A full range of fire clay and high alumina fire bricks in various shapes and sizes is available on request.

**Note:**

The above data is subject to reasonable variation and is intended as a guide only.

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