HR®-25 is a high-temperature retarder/intensifier. As a stand-alone retarder, HR®-25 retarder/intensifier can be used to gel cement. However, this product was primarily designed for intensifying common retarders, such as SCR-100 retarder.

**Applications**

HR®-25 retarder/intensifier can be used at bottomhole circulating temperatures (BHCTs) between 200° and 400+°F. Normal retarder/intensifier concentrations are 0.5 to 2.0%.

**Benefits**

HR®-25 retarder/intensifier can provide the following benefits:
- This product is highly soluble in water. Consequently, it exhibits more uniform thickening times in the laboratory and has less effect on cement compressive-strength development, especially at the top of a long cement column.
- HR®-25 retarder/intensifier can be added directly to the mixing water, or it can be dry-blended.
- This product interacts well with other cement additives.
- This retarder/intensifier helps extend pumping times.
- It allows improved displacement rates at steady pressures.
- HR®-25 retarder/intensifier allows operators to better predict thickening times.
- The Environmental Protection Agency (EPA) does not classify HR®-25 retarder/intensifier as a hazardous waste.

**HR-25 Retarder/Intensifier—Product Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>516.00558</th>
<th>Bulk Density</th>
<th>45.00 lb/ft³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Solid, white powder</td>
<td>pH</td>
<td>1.7 (5% solution)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.760</td>
<td>Packaging</td>
<td>50-lb bag</td>
</tr>
</tbody>
</table>