



## Chemical & Process

Application	Products
<b>The Dutch Shell Process</b>	
Reactor Hot Face	99.5% Alumina Dense Brick and Shapes - CUMILOX 101HB
Reactor Bottom	94% Alumina, High Purity Castable - CUMICRETE CA 66
Backup Insulation	94% Alumina, Bubble Alumina Based Castable - CUMICRETE CA 58
Thermocouple Supporting Shapes in Mullite	CUMILITE W
<b>The American Texaco Process</b>	
Reactor Hot Face	99.5% Alumina Dense Brick and Shapes - CUMILOX 101HB
Backup Insulation 1st Layer	98.5% Alumina Insulation Bricks & Shape
Backup Insulation 2nd Layer	Mullite based 74% Alumina Insulation Brick and Shapes CUMILAG 32
<b>Steam Reforming Primary Reformer</b>	
Radiant Wall and Burner Block	Mullite Brick and Shapes - CUMILITE W
<b>Steam Reforming Secondary Reformer</b>	
Reformer Hot Face, Catalyst Bed Support & Hydrogen Transfer Line	99.5% Alumina Dense Brick and Shapes - CUMILOX 101HB
<b>Petrochemical / Refinery Industry</b>	
Sulphur Recovery Unit	90 & 99.5% Alumina Dense Brick and Shapes - CUMILOX 90, 201HF, CUMILOX 101HB
Heaters	Insulation Bricks & Castable
Thermal Oxidisers	99.5% Alumina Brick - CUMILOX 101HB