



HASLE LCC	Main components and properties	Typical applications in kilns with mixed and alternative fuels	Mechanical load	Abrasion resist.	Thermal shock resist.	Alkali resist.	Build-up resist.
D39A (GUN39A)	Extremely alkali-resistant. Based on high-burnt Fireclay	Top of preheater tower, smoke chamber, riser ducts and grate cooler (cold zone)	+	+	+	++++	+++
D52A	All-round, strong and alkali-resistant LCC combining the properties of Fireclay, Mullite and Bauxite	Bottom part of preheater, riser ducts, smoke chamber, kiln inlet, kiln hood, nose ring and cooler (medium zone)	++	++	++	+++	++
D55A-EF	Alkali- and abrasion resistant Shotcrete mix based on Fireclay and Corundum.	Preheater tower, feed pipes, riser ducts, kiln hood and cooler roof	+	+++	++	++++	+++
D59A (GUN59A)	Strong, flexible shock- and abrasion resistant . Based on Andalusite, Mullite and Bauxite	Nose ring, burner pipe, bull nose, hot part of the cooler. Can also be beneficial in the inlet areas if the mechanical stress is high	+++	+++	+++	++	++
D66	Very strong, fine grained LCC based on calcined Bauxite and Mullite.	Tertiary air duct, damper and elbows.	++++	++++	+	+	+
D65TA	Andalusite, Mullite and Corundum	Burner pipe, damper	+++	+++	+++	+	+++
D1550SC	Andalusite, Mullite and 17% SiC	Kiln out-let, bull nose and cooler front wall	++	++	++++	++	++