Thermal compatibility limits of refractory materials in ambient air, °C

	Chrome-magnesia	Forsterite	Corundum 70 % Al_2O_3	Corundum > 97 % Al_2O_3	Zr Silicate	Bad-deleyite	Chamotte 40 % Al_2O_3	Clay-bonded SiC	Silica
Magnesia	> 1700	1650	1650	1900	> 1700	2000	1400	1500	1500
	Chrome-magnesia	1650	1600	1900	1600	2000	1550	1550	1650
		Forsterite	1600	1650	1550	1650	1500	1550	1650
			Corundum 70 % Al_2O_3	1800	1700	1650	1600	1600	1600
				Corundum > 97 % Al_2O_3	1700	1700	1650	1800	1600
					Zr Silicate	1700	1650	1650	1650
						Bad-deleyite	1600	1900	1650
							Chamotte 40 % Al_2O_3	1600	1500
								Clay-bonded SiC	1650
									Silica