

Grade	Maximum Service Temperature	Material Required	Chemical Analysis, %					Remarks
	°C	kg/m <sup>3</sup>	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	SIC (P2O5)	
DIPATCH LT	1250	2000	< 50.0	> 40.0	6			Hand luting and sealing material based on chamotte and graphite, for sealing coke-oven charging lids, chuck doors and standpipe elbow covers.
DIPATCH 13 TR	1350	1780	44	43	1.8	8		
DIPATCH 15 TR	1500	1700	50	35	2.7	7.5		
DIPATCH 155 CG-T	1550	1900	≥ 48.0	≤ 36.0	1.6	10.6		High Alumina and Mullite Based.
DIPATCH SIC 30	1550	2490	≥ 35.0	≤ 27.0	0.9		≥ 28.0	High alumina material and silicon carbide-containing ready to use patching mix.
DIPATCH 60 MUL HS	1650	2150	≥ 62.0	≤ 35.5	1	2		High Alumina and Mullite Based, Grain sizing of 0-3mm.
DIPATCH PLUS-9	1750	2900	≥ 85.0	≤ 7.0	< 0.9		(3.6)	Chemical bonded, corundum and bauxite based, heat setting ready to use plastic/patch mix.
DIPATCH 90 LI	1800	2500	92	4.5	< 0.5	2		Low Iron, Sintered Alumina and Corundum based.
DIVPATCH 16	1600	2000	≥ 55.0	≤ 33.0	1.4	8		High Alumina and Bauxite based.
DIVPATCH 17	1700	2050	≥ 65.0	≤ 23.0	1.3	8		High Alumina and Bauxite based.
DIVPATCH 17 BA	1700	2050	≥ 65.0	≤ 23.0	1.3	8.4		Bauxite and Mullite based hot patching material.