PB-G1, G-MG-series

These are produced by using carefully selected high-purity magnesia clinkers as the basic ingredient and burning them at super-high temperature.
These products are suitable for the regenerator.

Chemical composition(%)

	PB-G1	G-MG-98	G-MG-95S
MgO	98	97.8	95
CaO	1.1	1.1	2.1
SiO_2	0.4	0.4	1.2
Fe_2O_3	0.3	0.6	0.9

PSB-A3

To produce this high-quality periclase-spinel refractory, high-purity electro-fused spinel and magnesia clinkers are blended and maintained under a high quality-control system.
This product shows excellent performance in the transition zone of solidification/liquefaction of sodium sulfate for checker works. In addition, it is adherence-resistant to dispersed sodium sulfate and other glass materials, making them particularly suitable for regenerator checkers.

Chemical composition(%)

	MgO	Al_2O_3	SiO_2	Fe_2O_3
PSB-A3	84	15	0.4	0.1

MZ-series

MZ-HG brick is blended with electro-fused magnesia and shows high creep-resistance. This product is most suitable in terms of cost-performance for the crowns, walls and top course of regenerator checkers.
MZ-SG brick is blended with standard-type magnesia. This product has high creep-resistance and high performance against thermal cycle test after impregnation of sodium sulfate. In terms of cost-performance, this product is most suitable for transition zone of solidification/liquefaction of sodium sulfate for checker works.

Chemical composition(%)

	MgO	ZrO_2	SiO_2	Fe_2O_3
MZ-HG	78	13	7.1	0.3
MZ-SG	78	12	6.7	0.5

DSB-70

DSB-70, is produced by using carefully selected high-purity electro-fused spinel as the basic ingredient and burning them at super-high temperature. This product has high corrosion and creep resistance, and is suitable for the superstructure of melter.

Chemical composition(%)

	Al_2O_3	MgO	SiO_2	Fe_2O_3
DSB-70	71	27.5	0.3	0.3