

MATERIAL CODE NUMBER	RDB-TZ
CLASSIFICATION	ASTM C-27 ---- phos-bonded, high alumina brick
SERVICE REQUIREMENTS	A phos-bonded, erosion resistant brick for circulating fluid bed boiler target zone walls.
METHOD OF MANUFACTURE	Dry-press
QC TESTING FREQUENCY	

PROPERTY	ASTM DESIGNATION	SPECIFICATION VALUE
Manufacturer's Use Limit Temp. - °F		3000
Density lbs/ft ³	C-20	175 -185
Modulus of Rupture - psi	C-133	
Reheat Test - at 2900°F - %	C-113	+/- 0.05
Cold Crushing Strength* - psi	C-133	15,000 min.
Apparent Porosity - %	C-20	<12
Abrasion Resistance – (cc loss)	C-704	6.0 max.
Chemistry (Composition %)		
Al ₂ O ₃		80.0
Fe ₂ O ₃		1.5
Si ₂ O ₃		12.0