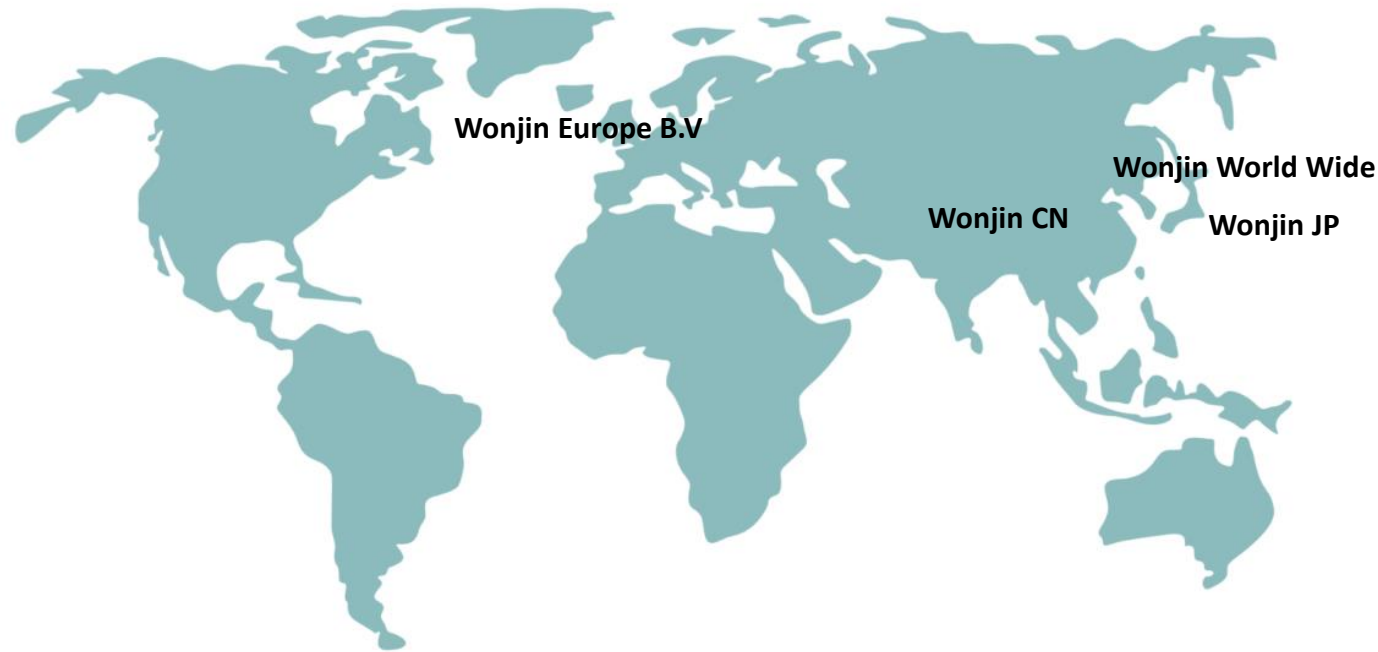




Cement Refractory

Rotary Kiln / Suspension Preheater Brick

Rotary Kiln/ Suspension Preheater Castable



Wonjin World Wide

Head Office : 39, Sanmakgongdanbuk4-gil, Yangsan-city, Gyeongnam, Korea

Tel : 82-55-380-8001 Fax : 82-55-383-8008

Branch : Gwangmeong SK Technopark A-1003, Soha-dong, Gwangmeong-si, Gyeonggi-do, Korea

Tel : 82-2-2083-2338 Fax : 82-2-2083-2341

Wonjin Europe B.V.

RTC Ijmond Rooswijkweg 126, 1951 MK, Velsen Noord, NL

Tel: +31-251-291-615

Wonjin JP

2-8, Imojimachi, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 803-0821, Japan

Tel: +81-93-953-632 Fax: +81-93-953-6326

Wonjin CN

Nancheng Cun, Shangma Zone, Chengyang District, Qingdao, Shandong, China

Tel +86-532-8781-8111 Fax +86-532-8781-8666

WWW.WONJIN.CO.KR

WWW.WONJINREF.CO.KR





Rotary Kiln / Suspension Preheater Brick

Division		R.K / S.P BRICK						
		CMS-15AS	WCB-1680	WCB-1650	WIB-70P	WIB-70PC	CH-1(C)	WCB-WIRE
Physical Properties	SK	40	38	37	38	38	34	34
	Density	2.95	2.68	2.65	2.65	2.73	2.32	3.02
	A.P(%)	14.8	17.0	18.0	13.0	13.0	17	16.4
	CCS(Mpa)	50	95	85	100	100	45	123
	RUL(°C)	1700	1500	1500	1650	1650	1350	-
	Thermal/E	1.2	0.5	0.5	0.6	0.6	0.5	-
Chemical Analysis	Al ₂ O ₃	13.9	62.0	60.4	74.0	74.0	55	68.8
	SiO ₂	0.3	24.8	26.2	21.0	21.0	30	0.1
	Fe ₂ O ₃	0.5	1.2	2.4	1.0	1.0	1.6	0.1
	SiC	(MgO) 83.7	9.0	9.8	(P ₂ O ₅) 1.0	(P ₂ O ₅) 1.0	-	(CaO) 10.7
	Remark	R.K Transition Zone	transiton Security Zone		Suspension Preheater Wall, R.K			Abrasion Resistance Casting Block

Rotary Kiln/ Suspension Preheater Castable

Division				R.K / S.P Castable				
				WSC-17C	WSC-19B	WSC-15SCG	WSC-30SC	WSC-30SCG
Physical Properties	Max service temperture		°C	1700	1900	1700	1700	1700
	Density	at 110°C 24Hr	Kg/m³	2520	2850	2000	2300	1800
	CCS	at 110°C 24Hr	MPa	70.0	103.0	11.0	90.0	8.0
	MoR	at 110°C 24Hr	MPa	12.0	19.0	4.0	16.0	3.0
	PLC	at 110°C 24Hr	%	-0.03	-0.06	-0.06	-0.06	-0.06
Chemical Analysis	Al ₂ O ₃		%	72.1	83.6	45.5	49.9	43.6
	SiO ₂		%	20.6	2.9	29.6	9.7	15.8
	Fe ₂ O ₃		%	1.8	0.4	1	0.6	0.4
	CaO		%	2.4	2.1	4.8	5.3	5.2
	SiC		%	2.6	11	16.5	32.1	33.3
Water addition (by weight)			%	5~8	4~7	14~16	4~7	16~19
Installation				Vibrating			Vibrating	
Remark				PREHEATER	BURNER	PREHEATER, COOLER		



- WSC-15SC WSC-15SCG WSC-17C
- WSC-30SC WSC-30SCG CH-1C
- WIB-70P WIB-70PC
- CMS-15AS WCB-1680
- WCB- WIRE
- WSC-17C
- WSC-30SC WSC-30SCG
- WSC-19B
- WSC-15SC WSC-15SCG
- WSC-30SC WSC-30SCG

