

# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

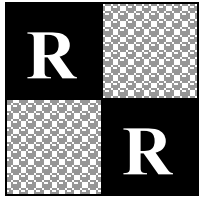
28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET-50 (NORMAL)	ROYAL SET - 51 (FINES)
<b><u>PHYSICAL PROPERTIES</u></b>		
P.C.E.-Orton / °C	31/32 1683/1717	31/32 1683/1717
Grain Size (mm)	0 - 1.5	0 - 0.5
Setting	Airsetting	Airsetting
Service Temp °C	1550	1550
Sintering Temp °C	1100	1100
<b><u>CHEMICAL ANALYSIS (%)</u></b>		
Al <sub>2</sub> O <sub>3</sub> (%) min.	50	50
Fe <sub>2</sub> O <sub>3</sub> (%) max.	3.8	3.8
Size Tolerance : 95% Passing through the Maximum indicated grain size.		



# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

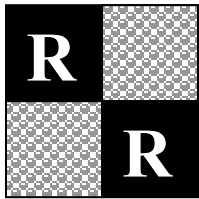
28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET- HS (2 Component)	ROYAL SET-INS
<b><u>PHYSICAL PROPERTIES</u></b>		
P.C.E.-Orton / °C	31/32 1683/1717	20 / 1564
Grain Size (mm)	0 - 0.5	0 - 1
Setting	Airsetting	Airsetting
Service Temp °C	1550	1350
Sintering Temp °C	900	1100
<b><u>CHEMICAL ANALYSIS (%)</u></b>		
Al <sub>2</sub> O <sub>3</sub> (%) min.	40	22
Fe <sub>2</sub> O <sub>3</sub> (%) max.	1.5	2.0



# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

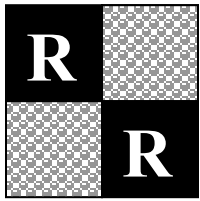
28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET- 30	ROYAL SET- 40
<b><u>PHYSICAL PROPERTIES</u></b>		
P.C.E.-Orton / °C	27 / 1640	31 / 1683
Grain Size (mm)	0 - 1	0 - 1
Setting	Ceramic	Ceramic
Service Temp °C	1350	1400
Sintering Temp °C	1100	1100
<b><u>CHEMICAL ANALYSIS (%)</u></b>		
Al <sub>2</sub> O <sub>3</sub> (%) min.	30	40
Fe <sub>2</sub> O <sub>3</sub> (%) max.	3.0	3.5
Size Tolerance : 95% Passing through the Maximum indicated grain size.		



# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

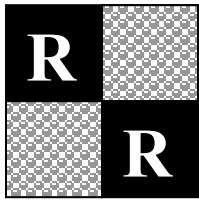
28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET - 60	ROYAL SET - 70	ROYAL SET - 80
<b><u>PHYSICAL PROPERTIES</u></b>			
P.C.E.-Orton / °C	34 / 1763	35 / 1785	36 / 1804
Grains Size (mm)	0 - 0.5	0 - 0.5	0 - 0.5
Setting	Air Setting	Air Setting	Air Setting
Service Temp °C	1500	1500	1600
Sintering Temp °C	1100	1100	1100
<b><u>CHEMICAL ANALYSIS (%)</u></b>			
Al <sub>2</sub> O <sub>3</sub> (%) min.	60	70	80
Fe <sub>2</sub> O <sub>3</sub> (%) max.	3.8	3.8	3.5
Size Tolerance : 95% Passing through the Maximum indicated grain size.			



# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

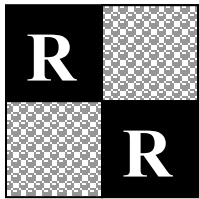
28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET - 40 spl	ROYAL SET - 50 spl	ROYAL SET - 60 spl
<b><u>PHYSICAL PROPERTIES</u></b>			
P.C.E.-Orton / °C	31 / 1683	32/33 1717/1743	33 / 1743
Grains Size (mm)	0 - 0.5	0 - 0.5	0 - 0.5
Setting	Air Setting	Air Setting	Air Setting
Service Temp °C	1500	1550	1650
Sintering Temp °C	1100	1100	1100
<b><u>CHEMICAL ANALYSIS (%)</u></b>			
Al <sub>2</sub> O <sub>3</sub> (%) min.	40	50	60
Fe <sub>2</sub> O <sub>3</sub> (%) max.	2.0	2.0	2.0
Size Tolerance : 95% Passing through the Maximum indicated grain size.			



# ROYAL REFRACTORIES

MANUFACTURERS & DEALERS IN REFRACTORIES & MINERALS

28 G.I.D.C., WANKANER – 363 622 TELEFAX : (F) (02828) 220533 , 222533 (R) 220883 , 222883

TIN G.S.T. No. 24092200055 Dtd. 23-09-05

TIN C.S.T. No. 24592200055 Dtd. 23-09-05

## MORTAR

BRAND NAME	ROYAL SET - 70 spl	ROYAL SET - 85	ROYAL SET - 90
<b><u>PHYSICAL PROPERTIES</u></b>			
P.C.E.-Orton / °C	35 / 1785	36 / 1804	37 / 1820
Grains Size (mm)	0 - 0.5	0 - 0.5	0 - 0.5
Setting	Air Setting	Air Setting	Air Setting
Service Temp °C	1550	1700	1700
Sintering Temp °C	1100	1100	1100
<b>CHEMICAL ANALYSIS (%)</b>			
Al <sub>2</sub> O <sub>3</sub> (%) min.	70	84	89
Fe <sub>2</sub> O <sub>3</sub> (%) max.	1.5	1.5	1.0
Size Tolerance : 95% Passing through the Maximum indicated grain size.			