INTRODUCTION

Consteel's CMPR series plastic repairing refractory is one monolithic with quick dry out capabilities that can withstand service temperatures of 1600℃.This moldable refractory is formulated by super-duty high alumina chemically bonded raw-material with excellent adhesion which is primarily designed for rapid repairs to brick and monolithic linings that can be installed using pneumatic hammer or hand rammed widely used at the roof place of EAF and some repairing position of ladles. Our products features as following

- High refractoriness
- Thermal shock resistance
- High mechanical strength
- Sound resistance to wear, erosion
- Sound plasticity performance
- Long shelf life and easily fabrication
- Long service life

COMPOSITION&PROPERTY

Part number	Chemical Composition(wt%)		Bulk density(g/cm^3)	CCS(MPa)		MOR(MPa)		Linear Change ratio(%)	Max working temp.(℃)	Pattern
	Al_2O_3	SiO_2		110 ℃@24h	1000 ℃@3h	110 ℃@24h	1000 ℃@3h			
CMPR CH	≥ 65	< 15	≥ 2.7	60	80	12	14	-0.2~ + 0.3	1550	Chamotte
CMPR HA	≥ 85	< 10	≥ 2.8	80	100	18	16	-0.2~ + 0.3	1600	High Alumina
CMPR M	≥ 80	< 6	≥ 2.8	80	100	18	16	-0.2~ + 0.3	1600	Mullite
CMPR CO	≥ 90	< 5	≥ 2.9	90	120	20	17	-0.1~ + 0.2	1650	Corundum

Note:
The above parameters are for customers' reference only, Consteel engineers will formulate the content of CMPR plastic repairing refractory based on the specific metallurgical features of our customer, which guarantee the optimal processing efficacy.Typical shelf lifetime is half year and the typical processing method is ramming or painting.

HOW TO SELECT THE RIGHT ONE

The unshaped refractory mix is special art involves around experience and science, which means the more cases we have and the deeper analysis we make will guarantee the high odds we can provide you with satisfactory formulation and granularity to meet your steel mills requirement. In order to enable our engineer to configure with the state of art design to fuel your optimal steel-making, please fill out the questionnaire correspondingly. And this is so-called "tailored design" for our clients.