

**PRODUCT INFORMATION SHEET**  
**MORTAR**

**SHIRABOND 50**



SHIRABOND<sup>®</sup> 50 is a superduty, air-set mortar supplied in wet form ready for use.

SHIRABOND 50 is a volume stable, highly refractory mortar. It shows no signs of flowing from pier testing joints at 1600°C.

High refractoriness, smooth working properties and good volume stability make this product an excellent general purpose mortar. It also exhibits excellent resistance to acidic slags and fumes and boasts a low iron oxide content for use in special atmospheres.

**TYPICAL PROPERTIES**

	%
Al <sub>2</sub> O <sub>3</sub> .....	47
SiO <sub>2</sub> .....	44
Fe <sub>2</sub> O <sub>3</sub> .....	0.8
TiO <sub>2</sub> .....	1.4
CaO.....	0.1
MgO.....	0.1
Alkalies.....	2.9
Maximum Service Temperature (°C)...	1600
Shelf Life.....	3 months
Installation Procedure.....	IP/006
Heat Up Schedule.....	HS/008

**APPLICATION DATA**

Material Required per 1000 RMA135 brick (kg)      210

**CAUTION:** *The binders in this material are of an alkaline nature and care should be exercised whilst handling. Protective eye and hand equipment must be worn. In case of contact with bare skin, promptly remove by thorough washing with clean water.*

REV: 1

Status: Standard

PIS Number: 8020

Date of Revision: 15 July 2004

This data contains typical properties only and should not be used for specification purposes. It is intended as a guide only. For specification and estimating purposes, contact your nearest Shinagawa representative. Australian Standard Test Methods AS1774 are used where applicable. Refer to the Material Safety Data Sheet (MSDS) for recommended work practices and other product safety information.

