



# VULCAN

## REFRACTORIES APPLICATIONS SECONDARY ALUMINIUM

### Process Information : Melting/Holding Furnaces and Associated Launder Systems

Re-melting and holding of aluminium takes place in tower and melting/holding type furnaces. The main furnace areas are usually lined with medium duty monolithic or brick materials. There are however several areas of severe wear, which if not addressed limit the lining life.



- Process temperatures 760°C to 900°C
- Atmosphere neutral to slightly oxidising
- Chemical attack by aluminium
- Erosion in areas of high metal flow
- Impact in charging areas

#### DISCLAIMER

Any advice, opinion, recommendation or information is given to assist the use of the company's products but on the basis that the end user must ensure their suitability for the application intended.

In particular the company cannot accept liability for loss or damage which may arise from the incorrect use of its products or from poor workmanship on the part of the user.

Information is compiled from routine quality control testing and does not constitute a specification.

Information is provided in good faith and is subject to review whenever necessary and no guarantee or warranty is implied.

THIS CD-ROM IS VALID UNTIL 31/12/2002 TO RECEIVE A CURRENT ISSUE PLEASE CONTACT VULCAN REFRACTORIES

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