



VULCAN

REFRACTORIES APPLICATIONS TECHNICAL CERAMICS

Process Information : Sintering

Technical ceramics are fired in intermittent, pusher hearth and tunnel furnaces. Mainly based upon oxides, the materials need support during the firing process because of their low strength at median temperatures.



- Process temperatures 1400°C to 1750°C
- Endothermic and Exothermic Atmospheres
- ΔT to 150°C per hour

Product Requirements and Characteristics

Vulcan produces a range of, plain tiles, saggars and profiled setters for use as a support during the firing process.

- High hot strength to minimise creep
- Thermal shock resistance
- Chemical purity to prevent contamination / reaction
- Minimum bow tolerance to avoid the use of setting powders

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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