



## **Microtherm®** Feeder Bowl Kits (FBK) Tailor made kits of Microtherm® insulation for glass feeder bowls

**Microtherm®** Feeder Bowl Kits offer a dedicated set of factory shaped insulation components created to a customer's dimensions for fast assembly into glass feeder bowls.

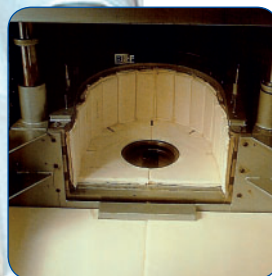
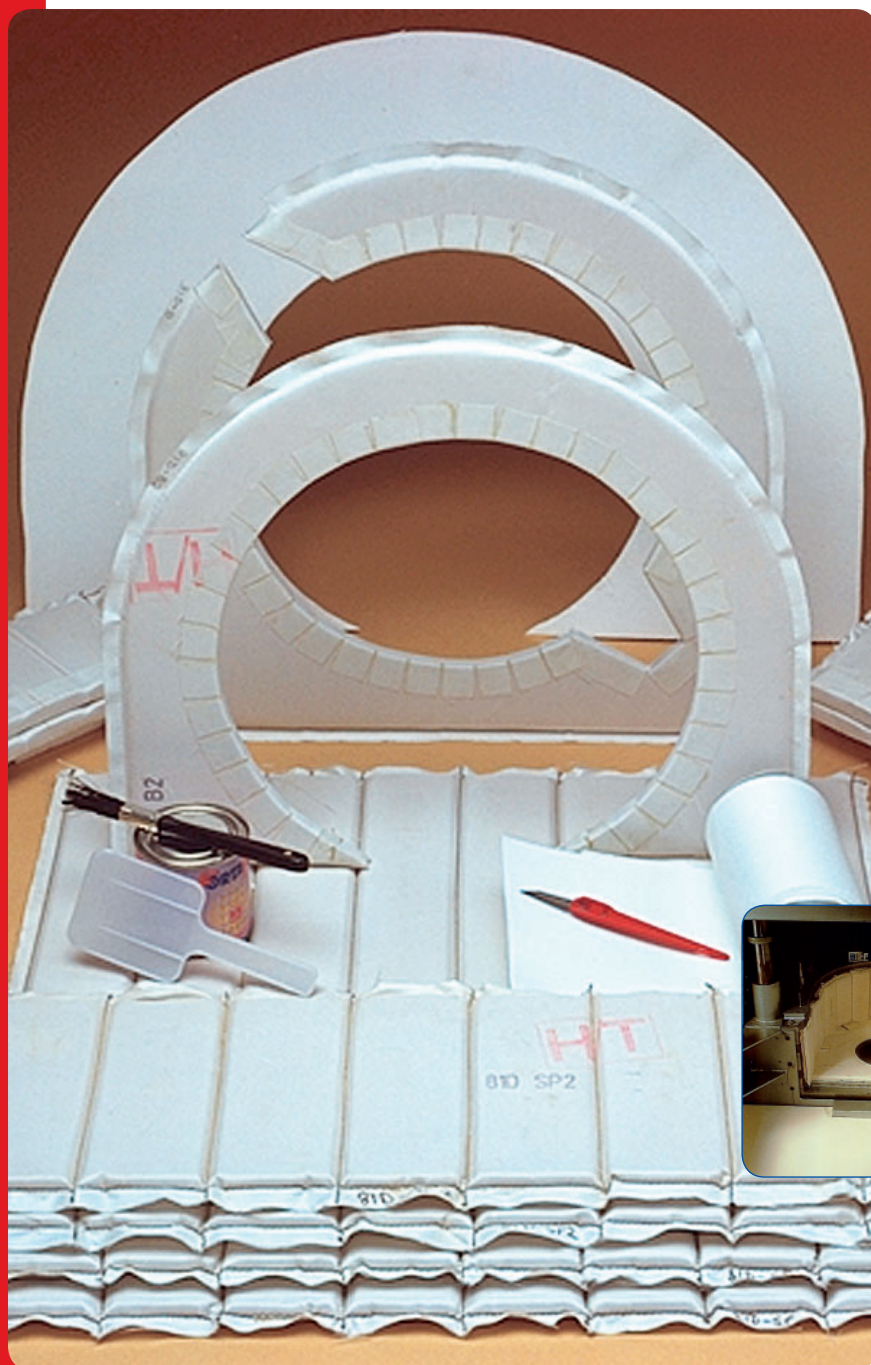
**Microtherm®** Feeder Bowl Kits use the super efficiency of microporous insulation performance to ensure optimised thermal performance during discharge from the forehearth. Insulation of the forehearth with Microtherm® also guarantees best possible overall quality control.

### **Properties**

- Formulation based on opacified silica.
- Capable of continuous exposure to 1000 °C (1832 °F).
- Up to 3 or 4 times more thermally efficient at high temperatures than conventional insulations.
- Ensures uniformity of glass gob size and weight.
- Pre-shaped for most cost effective relining of feeder bowls.
- Environmentally safe.
  - Free of harmful respirable fibres.

### **Applications**

- All types of glass feeder bowls.

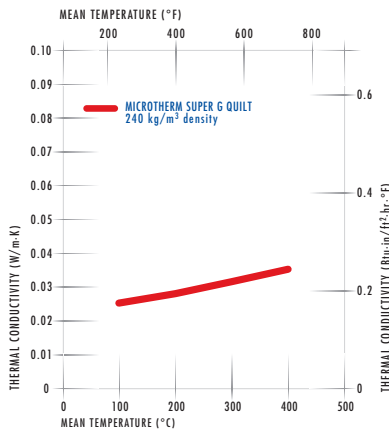




## Microtherm® Feeder Bowl Kits

### TYPICAL PRODUCT CHARACTERISTICS

#### Thermal Conductivity



Indicative performance for Quilted components.

#### Availability

Microtherm supplies more than forty different insulation kits for feeder bowls for manufacturers such as Emhart Glass, British Hartford, and Owens-Illinois Inc. A number of the more popular FBK are held in stock for rapid despatch. Special kits can be made on request.

#### Performance

Feeder Bowl Kits comprise a set of pre-shaped components from combinations of Quilted Panel, Standard Panel, and Slatted Panel.

The performance of each kit is decided by the performance of the individual Microtherm® products. These data can be found on the downloadable Product Data Sheet (PDS) for each product.

PDS – Microtherm® Standard Panel

PDS – Microtherm® Slatted Panel

PDS – Microtherm® Quilted Panel

#### Standard finish styles available

Feeder Bowl Kits are pre-shaped to suit the respective manufacturer's bowl dimensions. Each kit can be rapidly assembled in the bowl and will provide optimised thermal insulation protection.

#### Typical Values

Performance values quoted are for general guidance.

For more precise information and assistance with design please contact our materials specialists.

The information contained in this datasheet/brochure is intended to assist in designing with Microtherm products. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on this datasheet will be achieved by a user for a particular purpose. The user is responsible for determining the suitability of Microtherm products for each application.