

Insulvac® vacuum formed peepholes



Insulvac® vacuum formed peepholes are produced by vacuum forming mixtures of refractory ceramic or body soluble fibres with specially selected organic or inorganic binders.

This manufacturing method permits considerable freedom to vary shape, thickness, density and hardness and when required grades can be finished using our in-house machining facilities (such as CNC Milling).

All Insulvac® peepholes are produced in the vacuum formed plant of Insulcon in Steenberg (NL).

Insulvac® peepholes fill a wide range of requirements not met by other product forms. Often the vacuum forming technique provides the most economical answer to producing large quantities of parts in simple or complex configurations.

Insulvac® vacuum forming mix compositions utilize a small percentage of organic binder in addition to inorganic hardening agents. This gives the end products a uniform hardness and density as well as exceptional handling strength.

Various formulations are available to cover a wide range of application temperatures and handling characteristics. Post treatment is possible to impart increased hardness and remove organics prior to use. Prefiring can be carried out at either 800°C or 1200°C.

General characteristics

Insulvac ceramic shapes have outstanding characteristics, such as:

- High temperature stability
- Low thermal conductivity
- Low heat storage
- Light weight
- Complex shape capability



*Vacuum formed peephole
Installed at BASF - Antwerpen*

For more detailed information about these products, please do not hesitate to contact one of our specialists.

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