

Insulvac® Vacuum Formed Shapes



CONTACT

INSULCON B.V. – The Netherlands
+31 (0) 167 565750
info@insulcon.com

INSULCON N.V. – Belgium
+32 (0) 3 711 02 78
insulconnv@insulcon.com

INSULCON GmbH - Germany
+49 (0) 2131 408548-0
insulcongbh@insulcon.com

INSULCON PROJECTS S.A. - Switzerland
+41 (0) 91 911739
infoch@insulcon.com



Insulvac® vacuum formed shapes (up to 1600°C) are manufactured by vacuum forming a mixture of ceramic, low bio-persistent or polykristaline fibres, with specially selected organic or inorganic binders.

This manufacturing method permits us considerable freedom to vary shape (such as peep holes and burner blocks), thickness, density and hardness. If required the products can be finished using our in-house machining facilities (such as CNC Milling).

Insulvac® vacuum formed shapes 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 an 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. Pre-firing can be carried out at either 800°C or 1200°C.

Advantages Insulvac® vacuum formed shapes:

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