

General questions to select the right low thermal mas (LTM) module lining

- 1) Type of surface to be lined: Wall, Door, Roof, Panel? New furnace or revision?

- 2) Is the thickness determined? If not please provide us with all relevant data to make a thermal calculation like: Max. Process temperature, ambient (outside) temperature, wind velocity, type of outer steel casing like: stainless steel, carbon steel, mesh or closed plate, painted or galvanized?

- 3) What is the max. allowed casing (outer) temperature, in relation with ambient conditions? Alternative: What's the max. accepted heat loss?

- 4) What's the maximum flue gas velocity in the furnace or kiln?

- 5) Are there erosive (hard particles) aspects in the flue gas stream?

- 6) Is a chemical composition of the flue gasses available?

- 7) Oxidising or reducing atmosphere?

- 8) Is there a risk of getting wet of the LTM module lining, like in open combustor or flare linings?

- 9) Is there a favourite (contracted) installing company? Name and location?

Insulcon B.V.

Zilverhoek 4
4651 SP Steenberg
The Netherlands
+31(0) 167 565750
info@insulcon.com

Keramab N.V.

Haverheidelaan 4
9140 Temse
Belgium
+32 (0) 3 7110278
sales@keramab.com

Insulcon GmbH

Weiserstr. 7
41468 Neuss
Germany
+49(0) 2131 408548-0
insulcongmbh@insulcon.com

Insulcon Projects S.A.

Via Geretta 18
6900 Paradiso-Lugano
Switzerland
+41(0) 91911739-0
infoch@insulcon.com

- 10) Does this company have experiences with installing module linings?

- 11) If less experiences available, is an INSULCON supervisor required?

- 12) Are there drawings available, with regard to dimensions and detailed engineering? (if required)

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