

**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?

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- 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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