

INSULCON EMISSION FILTERS

(At this moment) governments in Europe and the Federal Environmental Agency would like to see the particle matter emission (PM10) of wood stoves to be improved. It is part of all the actions to be taken to avoid the inhalation of fine dust as much as possible and to delay or minimize the climate change. If an improved emission or efficiency is required our custom-made emission filters could be your solution. Testing in advanced will be advised.



Insulcon's specially designed emission filters are made of the basic raw material Aluminium Oxide. They are manufactured with porosities 10-50 ppi and available in many different sizes. Custom-made filters are manufactured according specifications.

Features:

- A homogeneous pore structure
- High surface strength
- Temperature resistant up to 1100°C
- Excellent resistance against chemicals
- Compressive strength: min 140N/cm²

Technical data:

Al ₂ O ₃	min 80,0%
P ₂ O ₅	max 9,0%
CaO	max 0,2%
SiO ₂	max 9,5%
Fe ₂ O ₃	max 0,2%
Na ₂ O	max 1,0%

Sizes (mm)	Sizes (inch)
178 x 178 x 51 mm	7 x 7 x 2"
229 x 229 x 51 mm	9 x 9 x 2"
305 x 305 x 51 mm	12 x 12 x 2"
381 x 381 x 51 mm	15 x 15 x 2"
432 x 432 x 51 mm	17 x 17 x 2"
508 x 508 x 51 mm	20 x 20 x 2"

Standard Available Dimensions for testing

