

# Ceramic Elements

Sefar Filtration offers a unique solution for high temperature dust/particle/fume removal to industry.

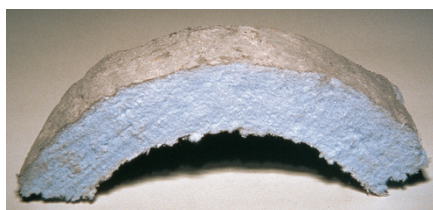
## Product Features

### Ceramic Elements

Sefar Filtration proudly represents BWF Envirotec, producers of the KE85 range of Ceramic Filter Elements for particle removal in high temperature applications.



The dust removal of exhaust gases at high temperatures at an early stage is being demanded not only from an economical but also from an ecological point of view. Textile filter media made from synthetic fibres reach their limits in hot gas filtration because of their inadequate temperature resistance and their combustibility.



The KE85 range of high temperature ceramic elements has proven ideal for many applications where more demanding environments are evident.

## Product Features

- High temperature applications up to 850 °C (peaks possible to 1000 °C)

### Sefar Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive  
Huntingwood NSW 2148  
Australia

Phone +61 2 8822 1700  
Fax +61 2 8822 1744

[oceaniasales@sefar.com](mailto:oceaniasales@sefar.com)

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- Fibre material is biosoluble to EU Standard Q67/69/EC
- Fibre material is harmless as opposed to fibreglass
- Not sensitive to sparks
- Non flammable
- Excellent chemical resistance
- Self supporting elements (no cages required)
- High air permeability
- Lowest emission rates (<1 mg dust/Nm<sup>2</sup>)
- Light weight

#### Fields of Application

- Carbide fumes
- Wood combustion
- Pyrolysis of contaminated solids
- Recycling of radio-active material
- Non-ferrous metal smelting furnaces
- Catalyst fluidised bed
- Waste incineration
- Calcinations process
- Precious metals

#### Locations

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Fax: +61 2 8822 1744

■ E-Mail



**Sefar Pty Ltd**  
**Filtration and Metal Mesh**

Unit 4, 68 Callaway Street  
Wangara WA 6065  
Australia  
Phone: +61 8 9303 2600  
Fax: +61 8 6305 0930

■ E-Mail