

# **FITFIRE**<sup>®</sup> HOOD

**Italian research and innovation has created  
this mouldable air-duct for kitchen extractor hoods.**

---

The only fully mouldable air-duct for kitchen extractor hoods suitable for all situations.

No more problems with the substitution or cleaning of vapour evacuation ducts for use with kitchen hoods in the restaurant sector.

Beca Engineering has developed this liner that is ideal for the restoration of kitchen air extraction ducts in the restaurant, canteen and fast food sectors.

Thanks to a particular internal oil repellent surface cleaning operations are drastically reduced.



This innovative system allows the restoration of obsolete air extraction ducting offering a definitive mouldable, made-to-measure solution that avoids masonry work while providing the certainty of a conduit that is as good as new, long-lasting, fully sealed, certified and guaranteed.

During installation **FITFIRE**<sup>®</sup> HOOD is perfectly moulded to the form of the existing vent like a second skin following the directions and curves of the existing ducted section.

When the restoration is complete you will have a new monolithic duct without joints thus avoiding potential points of leakage.

**FITFIRE**<sup>®</sup> HOOD  
THE FAST AND INTELLIGENT SOLUTION THAT QUICKLY RENEWS THE AIR EXTRACTION  
DUCTS IN KITCHEN HOODS.

## ADVANTAGES

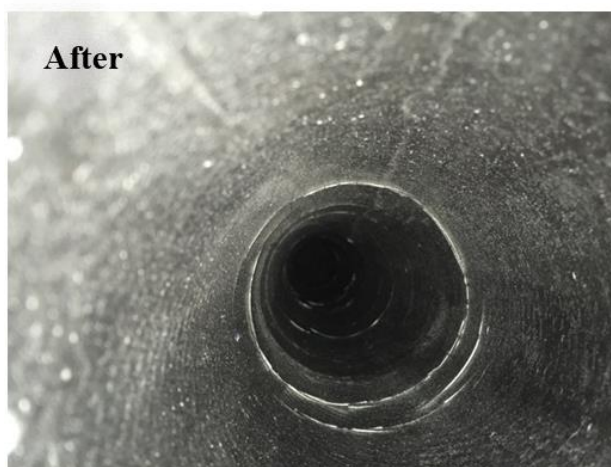
- Reduced installation times:** takes about one third of the time for standard fluing system.
- Minimal disturbance:** does not usually require any masonry work
- Clean installation:** does not generate dust.
- Material:** insulating, sound absorbing and oil repellent.
- Self-supporting material:** does not require anchoring.
- Conformation:** monolithic section without joints (no leakage points).

## TECHNICAL CHARACTERISTICS

- Product certified CE**
- Fire reaction class:** B –s1, d0
- Flow resistance:**  $r = 0,00035 \text{ m}$
- Thermal resistance:**  $0,17 \text{ m}^2\text{K/W}$
- Tensile resistance:**  $10,5 \text{ MPa}$

## INSTALLATION

**FITFIRE® HOOD** moulds itself to whatever the shape of the existing extraction channel creating a new internal surface which also confers improved mechanical, oil-repellent and sound absorbing properties as well as perfect air-tightness for the extraction of vapours.



Once inserted in the existing channel the thermosetting liner is then inflated using a pressured flow of super-heated steam which allows for the complete hardening of the composite material of **FITFIRE® HOOD**, guaranteeing, in the shortest of time, the restoration of the existing channel and without having to carry out masonry work, so reducing both the time and the cost of the operation.

**FITFIRE® HOOD**  
**THE INNOVATIVE SYSTEM FOR THE RESTORATION OF AIR EXTRACTION DUCTS  
IN KITCHEN HOODS WITHOUT THE NEED FOR MASONRY WORK.**

**Beca Engineering s.r.l.**

via Nuova Rivoltana 2/A 20054 Segrate (MI) Tel: +390270300208 [info@becaitalia.it](mailto:info@becaitalia.it) [www.becaitalia.it](http://www.becaitalia.it)