



Product

**FLAMRO Variant N-B**

1. Unique identification code of the product-type **RA-15-0677**
2. Intended use **Pipe sealing**
3. Manufacturer **FLAMRO Brandschutz-Systeme GmbH  
56291 Leiningen  
Germany**
4. Authorised representative **not relevant**
5. System(s) of AVCP **System 1**
- 6a) Harmonised standard **not relevant**
- 6b) European Assessment Document **ETAG N° 026 Part 2, August 2011**
- European Technical Assessment **ETA-15/0677**
- Technical Assessment Body **ETA-Danmark A/S, DK-2150 Nordhavn**
- Notified body/ ies **Materialprüfanstalt für das Bauwesen Braunschweig,  
N° 0761**
7. Declared performances

Essential characteristics	Performance	Harmonised technical specification
Fire resistance as a pipe sealing for combustible pipes on flexible and rigid walls (thickness $\geq 100$ mm) or rigid floors (thickness $\geq 150$ mm) constructions by means of the fire protection collar type FLAMRO Variant N-B with a max. dimension of 160 mm. *)	Max. EI 240 - U/C	ETA-15/0677
Durability and serviceability	use category type Y <sub>1</sub>	
Air permeability	NPD	
Water permeability	NPD	

Release of dangerous substances	none	
Mechanical resistance and stability	NPD	
Resistance to impact/ movement	NPD	
Adhesion	NPD	
Airborne sound insulation	NPD	
Thermal properties	NPD	
Water vapour permeability	NPD	
Components – reaction to fire: Variant N-B (steel housing) ROKU®Strip EM	Class acc. to EN 13501-1 A1 E	

\*] according to ETA-15/0677

8. Appropriate Technical Documentation /  
Specific Technical Documentation: **not relevant**

Online-copy of Declaration of Performance **www.flamro.de**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dr. Hemp, Head of R & D / Authorised officer  
FLAMRO Brandschutz-Systeme GmbH

