



Product

FLAMRO Variant N II A

1. Unique identification code of the product-type **RA-13-0922**
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 Approval **ETA-13/0922**
- Technical Assessment Body **Österreichisches Institut für Bautechnik, OIB Wien**
- 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 (PVC, PE, PP) in min. 100mm thick flexible walls, rigid walls, or min. 150mm thick rigid floor constructions by means of the fire protection collar type FLAMRO Variant N II A with a max. diameter of 400 mm. *)	Max. EI 120 - U/U or Max. EI 240 - U/C	ETA-13/0922
Durability and serviceability	use category type X	
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 II A (intumescent inlay) Variant N II A (steel housing)	Class acc. to EN 13501-1 E A1	

*] according to ETA-13/0922

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

