

ENDLESS FIRESTOP COLLAR

ArmaProtect EFC1 and EFC2

Flexible solution for firestop pipe penetrations

Endless firestop collar for fire seals in walls and floors

- // Combustible pipes $\emptyset \le 160$ mm (with and without sound insulation)
- // Combustible pipes $\emptyset \le 110$ mm (with combustible insulation)
- // Non-combustible pipes $\emptyset \le 108$ mm (with combustible insulation)
- // Multi-layer composite pipes ∅ ≤ 110 mm













ArmaProtect[™]

Passive fire protection (PFP) products and systems are designed to provide fire-safe circumstances in the event of a fire emergency. Often built as part of the building component, PFP measures are not visible to building users and hence often overlooked as a fire protection measure.



// Fire safety is top priority

The requirements for fire protection are increasing. Regulated by building codes, buildings are sub-divided in fire compartments. In the event of a fire, they keep fire and smoke contained in a limited area for a given amount of time. Fire ratings typically range from 30 to 120 or even up to 240 minutes

ArmaProtect firestop products reliably seal off penetrations in walls, floors or service shafts and keep escape routes free of smoke and toxic gases. This gives occupants valuable time to leave the building and rescue teams unhindered access for evacuation.

// One-stop-shop solution

Whether flexible walls, rigid wall or rigid floors with cable and pipe penetrations – Armacell offers specifiers and installers compliant solutions for almost all firestop penetrations.

The range includes intumescent firestop wraps, firestop collars, coated firestop boards, intumescent firestop sealants and mortars.

The ArmaProtect portfolio is an ideal addition to ArmaFlex Protect, Armacell's unique firestop solution which combines high fire resistance, condensation control and thermal insulation in a single product.

SOLUTIONS
WITH EN TESTING
(ETA)

The firestop portfolio from Armacell

Firestop penetration seals with cables, conduits, combustible and non-combustible pipes for residential, commercial and industrial building.

- ✓ Specifiable, reliable and flexible for each firestop application in residential, commercial and industrial buildings
- Cost efficient solution –
 the ideal choice for specifiers
- Easy to install and maintain –perfectly designed for the need of installers
- ✓ Easy to inspect compliant solutions to fulfill the expectations of firestop inspectors
- ✓ Firestop solutions for cable, pipe and mixed penetrations globally tested with European Technical Assessments and tested UL systems
- Full approval range from small to large openings –
 covering customer's requirement on the job sites









ArmaProtect EXPS
Firestop sealant



ArmaProtect FW2 & FW3
Firestop wrap



ArmaProtect FC1 & FC2
Firestop collar



ArmaProtect CB
Coated firestop board
(includes ArmaProtect ABLC
Firestop coating and
ArmaProtect ABLF
Firestop filler mastic)



ArmaProtect CM Firestop mortar



ArmaProtect CT
Firestop cable tube



ArmaProtect EFC1 & EFC2
Endless firestop collar

TECHNICAL DATA - ARMAPROTECT EFC1 AND EFC2

Product colour range Stainless steel (strap) and anthractie (Intumescent strip)	Brief description	ArmaProtect EFC1 and EFC2 are endless firestop collars as solution for covering various pipe diameters and design variants.		
Secial features Easy visual inspection. Product range Self-adhesive firestop wrap: 10 m. x 40 mm x 2 mm, stainless steel strap; 3 m lincluding 18 hookal. Endies Firestop collar for fire seals inwalls and filoror for combustible pipes livith and without insulation) and non-combustible pipes with and without insulation and non-combustible pipes with and without insulation and renormalization. For professional size only, Refer to third parry published listings, national approvals / assessments and Armacell's product literature for specification compliance **ETA-22/0061 acc. EN 1346-3 **Property*** Value / Assessment **For third parry published listings, national approvals / assessments and Armacell's product literature for specification compliance **ETA-22/0061 acc. EN 1346-3 **Value / Assessment	Material type	Stainless steel strap with self-adhesive flexible intumescent strip based on blowing graphite technology.		
Product range Self-achesive firestop wrap: 10 m x 40 mm x 2 mm, stainless steel strap: 3 m lincluding 18 hooks). Applications Eddaes Firestop collar for fire seals in walls and floors for combustible pipes with and without insulation) and non-combustible pipes with combustible insulations. Installation For professional use only. Refer to third parry published listings, national approvals / assessments and Armacell's product literature for specific application details as well as before handling this product. Approvals and compliance Specification compliance * ETA-2200601 acc. EN 1366-3 Property Value / Assessment **ETA-2200601 acc. EN 1366-3 **Property Value / Assessment **Corporating temperature Operating temperature **Processing temperature **Proces	Product colour range	Stainless steel (strap) and anthracite (intumescent strip)		
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	Shelf life	No shelf life.		
	Storage			

Firestop collar

Item	Description	Content [quantity]
PRO-EFC1-3M	ArmaProtect EFC1 Endless Firestop collar comprised of 10m firestop wrap and 3m stainless steel strap	1 piece
PRO-EFC2-3M	ArmaProtect EFC2 Endless Firestop collar comprised of 10m firestop wrap and 3m stainless steel strap	1 piece

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

