

Firestop collars for special applications

AF COLLAR C is made of stainless steel. The interior contains **AF Firefill 50/70/100**, a high intumescent power material which is retained by a mechanism. During a fire, the pipe deforms due to the heat and melts until its complete combustion. Meanwhile, the intumescent material spreads and creates a barrier providing thermal insulation and preserving the floor or wall "separating" function of the element for at least 180 minutes.

AF COLLAR C is a special fire protection element for combustible pipes suitable for curved or branched pipes adjacent to walls/floors where it is impossible to apply normal firestop collars.

Its "C" shape avoids the need for calcium silicate protection boxes, which are more complex and expensive due to their long construction times.

CHARACTERISTICS

Appearance:	stainless steel "C" shaped element;
Colour:	polished steel;
Available sizes:	110, 160, 200, 250 and 400 mm;
Free expansion:	>20:1;
Activation temperature:	180°C.

APPLICATION METHOD:

1. place the **AF COLLAR C** around the combustible pipe so that it can adhere to the wall flush opening (on the fire-exposed side);
2. if applied to floors and concrete walls, secure with metal plugs (8x60 mm). If applied on plasterboard walls use self-tapping metal screws.

TESTED WALL AND FLOOR APPLICATIONS

Type	Pipe diameter	External size	Height
AF COLLAR C 110	Up to 110	160x160 mm	50 mm
AF COLLAR C 160	From 110 to 160 mm	230x230 mm	70 mm
AF COLLAR C 200	From 160 to 200 mm	300x300 mm	100 mm
AF COLLAR C 250	From 200 to 250 mm	350x350 mm	100 mm
AF COLLAR C 400	From 250 to 400 mm	450x450 mm	150 mm

PACKAGING AND STORAGE

Cardboard boxes.

If the product is stored under standard conditions, there is no storage time limit

SPECIFICATIONS

Supply and application of the **AF COLLAR C** firestop collars. They have a stainless steel square structure and a locking system which contains Firefill 50/70/100 intumescent material for EI 180 protection of curved combustible pipe flush penetrations. The size will be chosen depending on the combustible pipe section.

CERTIFICATIONS

Class EI 180 (EN 1366-3)	Concrete floor
Class EI 180 (EN 1366-3)	Gasbeton wall
Class EI 120 (EN 1366-3)	Plasterboard wall

