ZAPP-ZIMMERMANN
INNOVATIVE BRANDSCHUTZSYSTEME

INSTALLATION MANUAL
CABLE PENETRATION SEAL

ZZ® C10 ETA-12/0088

SYSTEM COMPONENTS CABLE PENETRATION SEAL

Illustration	Designation
	ZZ® 130 Fire Protection Plug
	ZZ® 451 Fire Protection Bandage
	ZZ® 333 Fire Protection Mastic
	Identification Plate for systems according to abZ / aBG / ETA for individual registration

NOTES ON INSTALLATION REQUIREMENTS

/ The instructions provided in the corresponding documentation (ETA) for the use and application of individual components must be strictly adhered to.

/ Prior to installing the system component, the minimum component thickness, necessary installation depth, opening size, required installations, working clearances, spacing regulations, and potential re-occupation must be assessed and dimensioned accordingly.

FURTHER NOTES

/ **ZZ® C10 Cable Penetration Seal** can also be implemented as a blank partition. For this purpose specifications from the approval are to be observed.

/ Attention is drawn to the compliance with safety data sheets.

/ For further information and documents, please refer to the download section of our website:

www.z-z.de

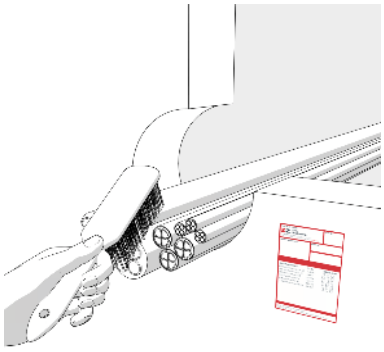
www.z-z.eu

Any further questions?
Please contact our technical support:
phone: **+49 221 97061-720** or email: **support@z-z.de**

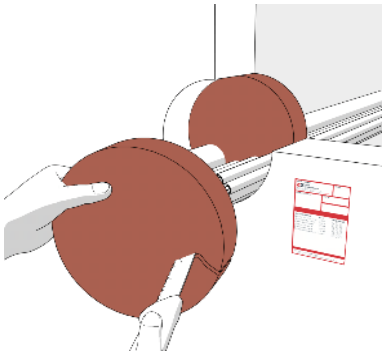
INSTALLATION OF FRAMES AND LININGS

If necessary, additional services must be provided. A fire-resistant reveal is required for light-weight partition walls. The exact requirements can be found in the corresponding certificates.

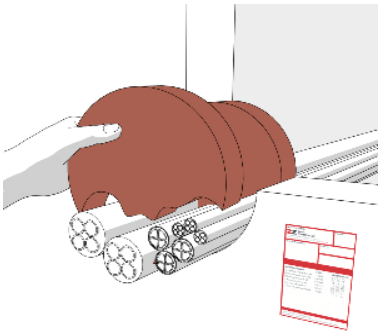
INSTALLATION OF **ZZ® 130 Fire Protection Plug**



Clean the component aperture.

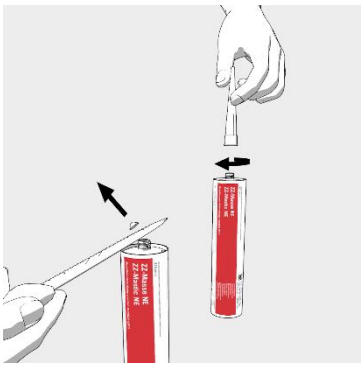


Select the suitable size of the **ZZ® 130 Fire Protection Plug**. for the component opening and cut them to the appropriate size for the penetrating elements.

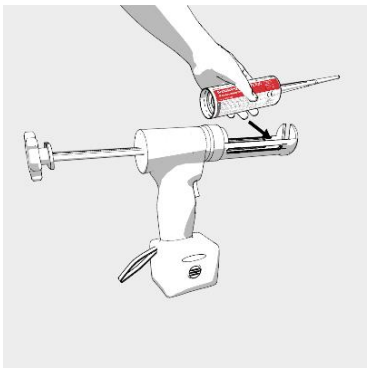


Insert the two **ZZ® 130 Fire Protection Plug** that have cut to size into the component opening so that they are tightly seated. The air gap between the two plugs has to be minimum 30 mm or 60 mm (Depending on the minimum thickness of the fire protection seal.).

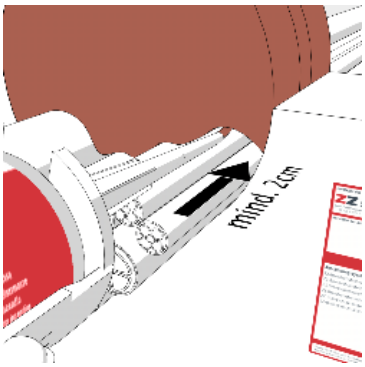
INSTALLATION OF **ZZ® 333 Fire Protection Mastic**



Hold the cartridge vertically, cut off the tip with a sharp knife, and screw on the nozzle. The nozzle can be shortened as needed.

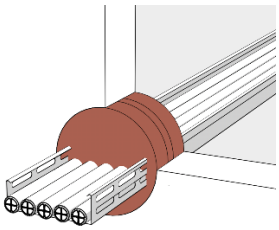


Insert the cartridge into the dispensing gun.

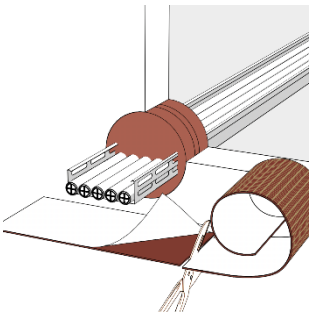


Interstices between cables and open joints must be filled with **ZZ® 333 Fire Protection Mastic** at least 20 mm deep on both sides.

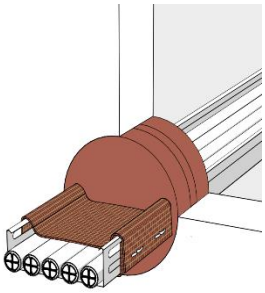
INSTALLATION OF **ZZ® 451 Fire Protection Bandage**



The installation of **ZZ® 451 Fire Protection Bandage** is sometimes required around cables and cable support systems.



Cut off a sufficiently long piece of **ZZ® 451 Fire Protection Bandage** and after removing dirt from the installation, peel off the protective film and apply the bandage. For wall mounting, apply on both sides, and for ceiling mounting, apply it on the upper side of the ceiling.



The beginning and end of the **ZZ® 451 Fire Protection Bandage** must be connected with at least two steel clips or steel wire. The length of overlap must be at least 45 mm.

For wall mounting, apply **ZZ® 451 Fire Protection Bandage** on both sides, and for ceiling mounting, apply it on the upper side of the ceiling.

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