# Specification text

## Generally

Wall and floor penetrations may not have in any way a negative effect on the fire resistance of constructive elements. Fire resistant collars prevent fire spreading via flammable pipes going through walls and floors. The fire resistant collars must be tested according to the European standard for testing EN 1366-3 and must be classified according to the European standard EN 13501-2.

Furthermore fire resistant collars should:

* Be suitable to be used on ventilated and non-ventilated plastic pipes or, in other words, to have the classification U/U (uncapped/uncapped), which also covers U/C, C/U and C/C (capped) applications,
* Be suitable to be used on plastic pipes made of PVC, PE, ABS, PVC+SAN and PP,
* Have a classification up to EI120,
* Be suitable to be used in massive walls, light partition walls and massive floors,
* Be suitable to be installed entirely into the wall or floor (built-in),
* Require only 1 single fire collar per penetration, both in floors and walls,
* Be suitable for plastic pipes with a diameter of 32 to 160 mm,
* Be suitable for installation with fixation with screws or without fixation,
* Be sealed with classic, flammable PUR foam,
* Be free of maintenance,

The installation of the fire collar must comply with the installation manual provided by the manufacturer. The pipe must be supported in order to guarantee the well-functioning of the collar during a fire. Supports and fastening should be realised according to the rules of good craftmanship.