

FIRESAFE KL - reserve

PVC cable conduits

PRODUCT DESCRIPTION

FIRESAFE KL - reserve has been tested and developed for use in fire resistance class up to EI 180 - EI 240.

FIRESAFE KL - reserve is a system for later pulling of cable in combination with FIRESAFE GPG MORTAR, **Fire stopping System**.

FIRESAFE KL - reserve is consisting of plastic, type PVC-U according to EN 61386-21.

FIRESAFE KL - reserve are capped inside with a 25 mm thick cold smoke seal of mineral wool. The smoke sealing is glued to the pipes with fire retardant paint. On outside of the KL - reserve at each end is it one layers of heat-expanding laminate in 2 mm thickness and 30 mm width. The heat-expanding laminate expands rapidly and closes the penetration in the event of a fire.

FIRESAFE KL - reserve can be used with all types of electrical and telecom cables with diameter of ≤ 21 mm.

FIRESAFE KL - reserve is available in standard sizes (d): $\varnothing 32$ and $\varnothing 50$ mm with length 150 - 200 - 300 mm.

AREAS OF USE

Fire classified floors according to EN 1363-1.: Coatings / molded cover (density $600 - 650 \text{ kg/m}^3$) ≥ 150 mm.

Fire classified walls according to EN 1363-1.: Plasterboard or masonry / cast construction (density $600 - 650 \text{ kg/m}^3$) ≥ 130 mm.

INSTALLATION OF CABLE IN FIRESAFE KL - reserve

Before installing cable in KL - reserve, make a hole in the 30 mm thick smoke seal inside the cable conduit. This is easily done with a drill for wood or steel. This drilled hole in the smoke seal should be maximum 2 mm larger than the cable diameter. Then pull the cable through the cable conduit.

KL - reserve can be filled with many cables assuming there is room for the requisite smoke seal inside the conduit. Firesafe KL - reserve must not be left open without a smoke seal, as this can result in smoke during a fire.

INSTALLATION AND FIRE RESISTANCE

See the installation instructions for FIRESAFE GPG MORTAR. FIRESAFE Cable conduits (Part 4).

DELIVERY FORM

Delivered as single product or in carton.

ARTICLE NO / SIZE D x L / PCS OF FIRESAFE KL - RESERVE IN CARTON

FS - Article No.: 102020. KL - reserve $\varnothing 32 \times 150$ mm. 154 pcs. in carton.

FS - Article No.: 102021. KL - reserve $\varnothing 32 \times 200$ mm. 126 pcs. in carton.

FS - Article No.: 102022. KL - reserve $\varnothing 32 \times 300$ mm. 77 pcs. in carton.

FS - Article No.: 102023. KL - reserve $\varnothing 50 \times 150$ mm. 70 pcs. in carton.

FS - Article No.: 102024. KL - reserve $\varnothing 50 \times 200$ mm. 60 pcs. in carton.

FS - Article No.: 102025. KL - reserve $\varnothing 50 \times 300$ mm. 35 pcs. in carton.

HEALTH AND SAFETY

There are no health or safety issues related to the product.

