Press release

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PYROLINE® PLMR fire protection duct

Overcome outdoor obstacles with ease

OBO can do a lot more than just the standard solutions – we can offer a wide range of special ranges, using which any installation challenge can be met. One of them is the PYROLINE® PLMR fire protection duct. It not only prevents the spread of fire, but also makes it simpler than ever to overcome obstacles during outdoor installations.

Overcome any obstacle with the matching fittings

The duct is fitted with an intumescent fire protection mesh. When there is a fire, the material expands, thus reliably preventing the spread of fire through the electrical installation. This allows the PYROLINE® PLMR to achieve a fire resistance period of 90 minutes. Made of stainless steel, it is particularly suitable for installations in outdoor areas. This is because the high-quality material is corrosion-resistant, rustproof and can also resist extreme temperatures or high levels of humidity.

Particularly during installations in outdoor areas, it can happen quickly that structural obstacles or obstacles from other systems, such as heating or ventilation pipes or water mains, are encountered when routing electrical installations. With the PYROLINE® PLMR, overcoming these obstacles is no longer a problem: With the matching fittings, fireproof cable routing over all common obstacles in outdoor areas can be implemented simply and quickly.

The PYROLINE® PLMR fire protection duct is suitable for mounting on the FangFix concrete block, which was specially conceived for installations on flat roofs.

Surveyor's report confirms use as a special solution

The duct can be used as a special solution for the routing of cables over fire walls, in accordance with the surveyor's report GA-2021/047b dated 11.06.2021 and corresponding to the solutions according to the recommendation of BMI + AMEV – EltAnlagen 2020 (Section 7.3.3.5 – Photovoltaic systems – fire protection): "Cables should not be run over building partitions or fire walls. If this cannot be avoided in exceptional cases, then the cables must be routed in a protected manner using cable insulation or fire protection jacketing."

For further information:

Fabienne Wolf-Kunke
Sales Marketing

OBO Bettermann Vertrieb
Deutschland GmbH & Co. KG
Langer Brauck
58640 Iserlohn, Deutschland

Tel.: +49 2371 7899-2241
E-Mail: wolf-kunke.fabienne@obo.de
www.obo.de