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**INNOVATIONS  
AND TRENDS**

## New fire penetration seals for cable entry systems



The fire penetration seals prevent flames and fire transfer

icotek is now offering cable entry systems combined with fire penetration seals for the railroad industry. The intumescent (foaming) IFPS fire penetration seals are based on expandable graphite and significantly increase their volume at high temperatures. The result is a barrier that prevents the penetration of flames as well as heat transfer from one room to another. The IFPS seals are mounted on the back side of the cable entry frame. The icotek cable entry components with mounted fire penetration seals IFPS are certified with fire barrier classifications E45 and EI30 when mounted on 18 mm fire protection panels, E30 when mounted on 3 mm sheet steel plates (acc. to EN 45545-3 and EN 1363-1).

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Subject to further change