

# Cable entry systems with IFPS fire penetration seals according to EN 45545-3



icotek cable entry frames and plates with fire penetration seals, approved for use in railway technology (meeting the standards EN 45545-2, EN 45545-3 and EN 1363-1).

The intumescent (foaming) IFPS fire penetration seals which are mounted at the backside of the cable entry components consist of expandable graphite and increase their volume by a multiple in case of a fire.

This creates a barrier which prevents a penetration of flames and high heat from one room into another for the longest possible period.

## Advantages & benefits

- Approved for use in railway technology (EN 45545-2, EN 45545-3 and EN 1363-1)
- Easy assembly
- High cable density
- Only one fire penetration seal per cable entry component required
- Large product variety
- Up to UL Type 4X/IP66, depending on the cable entry
- High classifications E45 / EI30

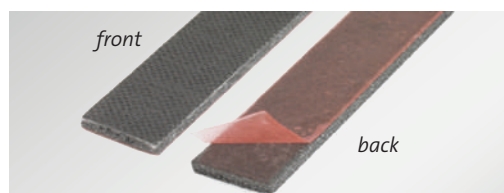
## Specifications

|                       |                       |
|-----------------------|-----------------------|
| Cable entry comp.     | See standard products |
| Fire penetration seal | Intumescent (foaming) |
| Material              | Graphite (C)          |

## Scope of delivery

Each 1 cable entry frame/plate + suitable fire penetration seal.

Suitable grommets are not included in the shipment and have to be ordered separately.



Also available: IFPS fire penetration seal stripe,  
900 x 17 x 2.7 mm, self-adhesive  
Order No. 99303



| Type                  | Order No. | Cut-out     | IP Ingress protection | PU |
|-----------------------|-----------|-------------|-----------------------|----|
| KEL-DPU 24 13-BS gy   | 99300.010 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 14-BS gy   | 99300.011 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 16-BS gy   | 99300.012 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 16-1-BS gy | 99300.013 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 17-BS gy   | 99300.014 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 20-BS gy   | 99300.015 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 21-BS gy   | 99300.016 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPU 24 32-BS gy   | 99300.017 | 36 × 112 mm | IP66 / IP68           | 5  |
| KEL-DPZ 16 11-BS gy   | 99301.007 | 36 × 86 mm  | IP65 / IP66           | 5  |
| KEL-DPZ 16 14-BS gy   | 99301.008 | 36 × 86 mm  | IP65 / IP66           | 5  |
| KEL-DPZ 16 20-BS gy   | 99301.009 | 36 × 86 mm  | IP65 / IP66           | 5  |
| KEL-DPZ 16 25-BS gy   | 99301.010 | 36 × 86 mm  | IP65 / IP66           | 5  |
| KEL-DPZ 16 34-BS gy   | 99301.011 | 36 × 86 mm  | IP65 / IP66           | 5  |
| KEL-DPZ 24 14-BS gy   | 99300.018 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 15-BS gy   | 99300.019 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 16-BS gy   | 99300.020 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 17-BS gy   | 99300.021 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 25-BS gy   | 99300.022 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 32-BS gy   | 99300.023 | 36 × 112 mm | IP65 / IP66           | 5  |
| KEL-DPZ 24 42-BS gy   | 99300.024 | 36 × 112 mm | IP65 / IP66           | 5  |

## Fire penetration seal (accessories)

| Type                                         | Order No. | Cut-out     | PU |
|----------------------------------------------|-----------|-------------|----|
| Fire penetration seal size 24                | 99300     | 36 × 112 mm | 1  |
| Fire penetration seal size 16                | 99301     | 36 × 86 mm  | 1  |
| Fire penetration seal size 10                | 99306     | 36 × 65 mm  | 1  |
| Fire penetration seal size B                 | 99305     | 46 × 46 mm  | 1  |
| Fire penetration seal size E5                | 99302     | 24 × 112 mm | 1  |
| Fire penetration seal size E4                | 99309     | 24 × 86 mm  | 1  |
| Fire penetration seal size E3                | 99308     | 24 × 65 mm  | 1  |
| Fire penetration seal size E2                | 99307     | 24 × 43 mm  | 1  |
| Fire penetration seal size KEL 183 **        | 99311     | 180 × 80 mm | 1  |
| Fire penetration seal size 24-MT **          | 99312     | 82 × 112 mm | 1  |
| Fire penetration seal size 16-MT **          | 99314     | 82 × 86 mm  | 1  |
| Fire penetration seal for KEL-DPZ-KX/KL72 ** | 99315     | 62 × 192 mm | 1  |

\*\* At the time of certification, these sizes were not yet part of our product portfolio.

\*4X for indoor use only