

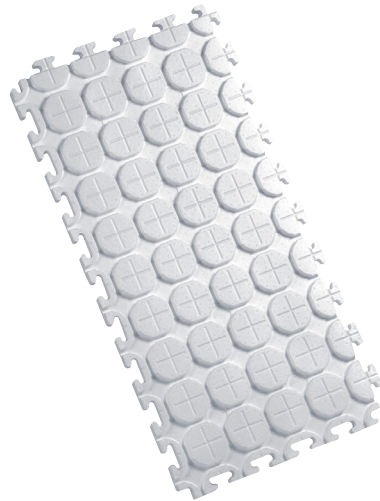
# DATA SHEET SYSTEM PANELS



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## Dry panel system Type 25 (DEO) Article no. 4003959

for tri-o-flex® system heating pipes 14 mm  
EPS thermal insulation for dry and wet screeds  
HBCD-free



**Standards:**  
DIN EN 13163  
DIN EN 1264

**Monitoring:**  
1. In-house monitoring  
2. FIW, Munich  
(DIN EN 13163)

### Configuration:

- Polystyrene hard foam EPS DEO 150 (dh): EPS EN 13163-T2-L3-W3-S5-P3-BS200-CS(10)150-DS(N)5-DLT(1)5 DOP: L1-04-077
- Pipe guide grooves for heat conduction modules
- Edges as dovetail joint
- Installation distances in the grid 11.5 cm

### Accessories:

Heat conducting modules with predetermined breaking points  
**Article no. 3007120**

### TECHNICAL DATA

|  |  |
|--|--|
| Packaging unit   | 7.92 m <sup>2</sup> /pack<br>(12 panels) |
| PU/ pallet   | 110.88 m <sup>2</sup>                    |
| Panel size   | 606 x 1,181 mm                           |
| Panel thickness  | 25 mm                                    |
| Thermal conductivity $\lambda_D$   | 0,034 W/mK                               |
| Thermal resistance $R_D$   | 0.57 m <sup>2</sup> K/W                  |
| Max. load capacity (DIN EN 13163)  | 5 kPa                                    |
| Compressive load wet screed (acc. to DIN 18560)  | 5 kPa                                    |
| dry screed (acc. to manufacturer's specifications)   | 2 kPa                                    |
| Compressive stress at 10% compression  | 150 kPa                                  |
| Impact sound reduction $\Delta L_{w,R}$ where $m'=120 \text{ kg/m}^2$ acc. to DIN 4109-34: 2016-07 | 0 dB                                     |
| Fire behaviour RtF   | E(EN 13501-1)                            |

Insulation material peg  
**Article no. 5000230**

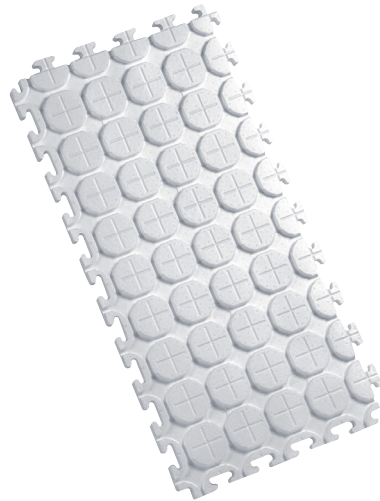
# DATA SHEET SYSTEM PANELS



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## Dry panel system Type 30 (DEO) Article no. 4003961

for tri-o-flex® system heating pipes 14 mm  
EPS thermal insulation for dry and wet screeds  
HBCD-free



**Standards:**  
DIN EN 13163  
DIN EN 1264

**Monitoring:**  
1. In-house monitoring  
2. FIW, Munich  
(DIN EN 13163)

### Configuration:

- Polystyrene hard foam EPS DEO 150 (dh): EPS EN 13163-T2-L3-W3-S5-P3-BS200-CS(10)150-DS(N)5-DLT(1)5 DOP: L1-04-077
- Pipe guide grooves for heat conduction modules
- Edges as dovetail joint
- Installation distances in the grid 11.5 cm

### Accessories:

Heat conducting modules with predetermined breaking points  
**Article no. 3007120**

### TECHNICAL DATA

|   |  |
|---|--|
| Packaging unit  | 6.60 m <sup>2</sup> /pack<br>(10 panels) |
| PU/ pallet  | 92.40 m <sup>2</sup>                     |
| Panel size  | 606 x 1,181 mm                           |
| Panel thickness   | 30 mm                                    |
| Thermal conductivity<br>$\lambda_D$   | 0,034 W/mK                               |
| Thermal resistance $R_D$  | 0.77 m <sup>2</sup> K/W                  |
| Max. load capacity<br>(DIN EN 13163)  | 5 kPa                                    |
| Compressive load<br>wet screed (acc. to<br>DIN 18560)<br>dry screed (acc. to<br>manufacturer's<br>specifications) | 5 kPa<br><br>2 kPa                       |
| Compressive stress at<br>10% compression  | 150 kPa                                  |
| Impact sound re-<br>duction $\Delta L_{w,R}$ where<br>$m'=120 \text{ kg/m}^2$ acc. to<br>DIN 4109-34: 2016-07     | 0 dB                                     |
| Fire behaviour RtF  | E(EN 13501-1)                            |

Insulation material peg  
**Article no. 5000230**