

DECLARATION OF PERFORMANCE

No: DoP 4/2024

1. Unique identification code of product-type:

INTU FR DISC

2. Intended uses:

The intended use of INTU FR DISC is to reinstate the fire resistance performance of flexible wall, rigid wall or rigid floor constructions, where they are penetrated by cables and conduits.

3. Manufacturer:

**INTUSEAL Sp. z o.o.
ul. Kineskopowa 1, 05-500 Piaseczno**

4. Authorized representative:

Not applicable

5. System or systems of Assessment and Verification of Constancy of Performance (AVCP):

System 1

6a. Harmonised standard:

Not applicable

Notified body or bodies:

Not applicable

6b. European Assessment Document:

EAD 350454-00-1104

European Technical Assessment:

ETA-24/0158 of 28/03/2024

Technical Assessment Body:

ITB, ul. Filtrowa 1, 00-611 Warszawa

Notified body or bodies:

No. 1488

7. Declared performance:

Basic requirements	Performance characteristics
BWR 2 Safety in case to fire	
Reaction to fire	NPD
Resistance to fire	Tables B1. ÷ B5.

Table B1. Resistance to fire classification of single small cables ($\phi_{\text{cable}} \leq 21$ mm) or cable bundles ($\phi_{\text{bundle}} \leq 25$ mm, $\phi_{\text{cable}} \leq 21$ mm) penetration seals in flexible or rigid wall

Fire resistance class: EI 120
wall thickness ≥ 100 mm

Table B2. Resistance to fire classification of steel conduits ($\phi_{\text{conduit}} \leq 16$ mm, without cables inside), penetration seals in flexible or rigid wall

Fire resistance class: EI 120-C/U EI 120-C/C
wall thickness ≥ 100 mm

Table B3. Resistance to fire classification of PVC (plastic) conduits ($\phi_{\text{conduit}} \leq 25$ mm), with or without small cables ($\phi_{\text{cable}} \leq 21$ mm), penetration seals in flexible or rigid wall

Conduit material	Conduit wall thickness [mm]	Service inside	Number x diameter x thickness of INTU FR DISC [mm]	Fire resistance class
PVC	1,05	empty	2 x 65,0 x 3,0	E 120-U/U
		small cable: $\varnothing_{\text{cable}} \leq 21 \text{ mm}$	2 x 65,0 x 3,0	E 120-C/U E 120-U/C E 120-C/C
		type B cable: E-YY-J 1x95RM, E-YY-O 1x95RM, NYY-J 1x95RM, NYY-O 1x95RM, VV 1x95, TT 1x95RM 0,6 / 1,0 kV	2 x 65,0 x 3,0	EI 90 / E 120-U/U EI 90 / E 120-C/U EI 90 / E 120-U/C EI 90 / E 120-C/C
wall thickness $\geq 100 \text{ mm}$				

Table B4. Resistance to fire classification of single small cables ($\varnothing_{\text{cable}} \leq 14 \text{ mm}$) or cable bundles ($\varnothing_{\text{bundle}} \leq 25 \text{ mm}$, $\varnothing_{\text{cable}} \leq 14 \text{ mm}$) penetration seals in rigid floor

Fire resistance class: EI 120
floor thickness $\geq 150 \text{ mm}$, density $\geq 550 \text{ kg/m}^3$

Table B5. Resistance to fire classification of single small cables ($14 \text{ mm} < \varnothing_{\text{cable}} \leq 21 \text{ mm}$) or cable bundles ($\varnothing_{\text{bundle}} \leq 25 \text{ mm}$, $\varnothing_{\text{cable}} \leq 21 \text{ mm}$) penetration seals in rigid floor

Fire resistance class: EI 90 / E 120
floor thickness $\geq 150 \text{ mm}$, density $\geq 550 \text{ kg/m}^3$

BWR 3 Hygiene, health and the environment	
Air permeability	NPD
Water permeability	NPD
Content, emission, release of dangerous substances	NPD
BWR 4 Safety and accessibility in use	
Mechanical resistance and stability	NPD
Resistance to impact/movement	NPD
Adhesion	NPD
Durability	Z ₂
BWR 5 Protection against noise	
Aireborne sound insulation	NPD
BWR 6 Energy economy and heat retention	
Thermal properties	NPD
Water vapour permeability	NPD

8. Appropriate technical documentation or special technical documentation:

Not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

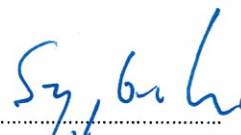
Signed for and on behalf of the manufacturer by:

Name: Michał Szykowski

Position: President of the Management Board

Piaseczno, 03.04.2024

Place, date


Signature

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