

Declaration of Performance

No.: **DoP DK-IP Mortar 001**

1. Unique identification code of the product-type:

Isover Protect Mortar

2. Type, batch or serial no. or any other element allowing identification of the construction product as required pursuant to article 11(4):

See packaging for batch no.

2.1 Isover Protect Mortar is supplied in ten (10) litre pails and twenty (20) litre bags.

3. Specification of the intended uses of the product in accordance with the applicable European Assessment Document: EAD 350454-00-1104 (penetration seals).

3.1 The intended use of Isover Protect Mortar is to reinstate the fire resistance performance of flexible wall construction, rigid wall constructions and rigid floor constructions where they are penetrated by various cables, cable trays, conduits, metallic, composite and plastic pipes with and without insulation.

3.2 The specific elements of construction that the system Isover Protect Mortar may be used to provide a penetration seal in, are as follows:

Flexible walls: The wall must have a minimum thickness of 100 mm and comprise steel studs lined on both faces with minimum 2 layers of 12.5 mm thick boards, unless otherwise stated in the following country document approvals:

- EU use only, ETA 24/0371

Rigid walls: The wall must have a minimum thickness of 100 mm unless otherwise stated in the following country document approvals:

- EU use only, ETA 24/0371

Rigid walls shall comprise of concrete, aerated concrete or masonry, with a minimum density of 650 kg/m³.

Rigid floors: The floor must have a minimum thickness of 100 mm and comprise aerated concrete or concrete with a minimum density of 650 kg/m³.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

3.3 The System Isover Protect Mortar may be used to provide a penetration seal with cables, cable trays, conduits, metallic, composite and plastic pipes, with and without insulation, for details refer to the country document approvals:

- EU use only, ETA 24/0371

The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area. The system Isover Protect Mortar may be used to seal apertures in the separating element up to 2400mm wide by 1200mm high in a wall 2400mm by 1200 mm in a floor. For additional sizes refer to the country document approvals:

- EU use only, ETA 24/0371

The minimum permitted separation between adjacent seals/apertures is 100mm. Services should be a minimum of 30mm from seal edges. Services within the system Isover Protect Mortar seal do not require a minimum separation, except where specifically detailed in the country document approvals:

- EU use only, ETA 24/0371

Services in floors should be supported at maximum 450 mm from the top face. Services in walls should be supported at maximum 270 mm from both faces of the wall.

3.4 The provisions made in the European Technical Assessment, 24/0371 are based on an assumed working life of the Isover Protect Mortar of 30 years, provided that the conditions laid down in the manufacturers datasheet for the packaging/transport/ storage/installation/use/repair are met. The indications given on the working life cannot be interpreted as a guarantee given by the producer but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3.5 Type Z₂: intended for use in internal conditions with humidity lower than 85% RH excluding temperatures below 0 °C, without exposure to rain or UV.

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to article 11(5):

Saint-Gobain Denmark A/S
Isover A/S
Østermarksvej 4
6580 Vamdrup
Denmark
Tlf.: +45 72 17 17 17
E-mail: isover@isover.dk

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of consistency of performance of the construction product as set out in annex V:

AVCP-System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Not applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical assessment has been issued:

This Declaration of Performance has been prepared in accordance with the guidelines set out within EAD 350454-00-1104 penetration seals.

EU use only - ETA 24/0371 prepared by UL
 - CoC 2531-CPR-CXO10450 prepared by DBI Certification, notified body No. 2531

9. Declared performance:

Product type: Mortar	Intended use: Fire Stopping Penetration Seal	
Essential characteristics	Performance	Test Standard
Reaction to Fire	Class A1	EN 13501-1
Resistance to Fire	EU - ETA 24/0371 Annex A	EN 13501-2
Air permeability (material property)	EU - ETA 24/0371 Annex B	EN 1026
Water permeability (material property)	NPD	EAD 350454-00-1104 Annex C
Release of dangerous substances	Use categories: IA1, S/W2. As the manufacturer declare that Isover Protect Mortar is compliant with the requirements of current EU legislation on material safety. See safety data sheets.	
Mechanical Resistance and stability	Suitable for use in walls and floors in Zone Types I, II, III & IV*	EOTA TR 001:2003
Resistance to impact/movement	Hard body impact - Serviceability 6Nm (pass), Safety in use 10Nm (pass) Soft body impact - Serviceability 500Nm (pass) Safety in use 700Nm (pass)	
Adhesion		
Airborne sound insulation	Rw 48 (-1;-3) dB	EN 10140-2
Thermal properties	NPD	EN 12664, EN12667, or EN12939
Water vapour permeability	NPD	EN ISO 12572, EN 12086
Durability and serviceability	Z2	ISO 8339:2005, ISO 9046:2004 & ISO 7389

*At dimensions up to those given in 3.3 and with soft and hard body impact

10. The performance of the product identified in points 1 and 2 is in conformity with the performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on the behalf of the manufacturer by:

Name: Stinne Sander

Function: Head of Product Management

Place of Issue: Vamdrup

Date of Issue: 6th December 2024

Signature: _____

