



FOR FIRESTOP PIPES AND
CABLES

ArmaProtect 1000

Firestop filler

- // Sealing annular gap in applications using ArmaFlex Protect
- // For pipe and cable penetrations in accordance with the German MLAR



 **armacell**[®]
ArmaProtect[®]

TECHNICAL DATA - ARMAPROTECT 1000

| | |
|----------------------------|--|
| Brief description | ArmaProtect 1000 Firestop Filler is a particularly practical, ready-to-use, high-temperature resistant mortar with excellent fire protection, thermal insulation and noise control properties. It is self-hardening and very easy to apply by hand. No need for formwork – and it can be used even in tight spots. |
| Material type | High-temperature resistant mortar with hollow microspheres and inorganic binding agents. |
| Product colour range | Light grey |
| Applications | Ideal system solution for sealing the annular gap in applications using ArmaFlex Protect. Furthermore, in accordance with the German MLAR 2020, ArmaProtect 1000 can be used for penetrations with individual pipes or even electricity cables. Only for indoor use. |
| Installation | The ready-to-use ArmaProtect 1000 Firestop Filler is supplied in buckets / handy plastic bag and can be applied using either a spatula or fingers. The substrate must be dry and free of dust and grease. The room temperature must not fall below 5 °C during application. Once it has dried hard, the Firestop Filler can be sanded, drilled and cut without any difficulties. The drying time per cm layer thickness is approx. 48 hours at room temperature. High humidity, low temperature and as well limited convection extend the drying time. |
| Declaration of performance | Declaration of Performance in accordance with Article 7(3) of Regulation (EU) No 305/2011 is available at www.armacell.com/DoP . |

| Property | Value / Assessment | | Standard / Test method |
|-------------------------------------|---|-----------------------------------|--------------------------------------|
| Thermal conductivity | | | |
| Declared thermal conductivity | Øm | 10 °C | EN 12667 |
| | λd ≤ [W/(m·K)] | 0,052 | |
| | Remarks | λd is valid for the dry material. | |
| Fire Performance and Approvals | | | |
| Reaction to fire | Class A1 - non-combustible | | EN 13501-1, EN ISO 1716, EN ISO 1182 |
| Fire performance | | | |
| Melting point [°C] | ≥ 1000 | | DIN 4102-17 |
| Corrosion mitigation | | | |
| Leachable (water-soluble) chlorides | ≤ 0,01% | | EN 998-2 |
| Physical attributes | | | |
| Density | approx. 180 kg/m³ (after drying) | | |
| Mechanical properties | | | |
| Compressive strength | 0,4 N/mm² (MPa) | | EN 998-2 |
| Health and environment | | | |
| Health aspects | Please refer to latest product Safety Datasheet (SDS). | | |
| Other technical features | | | |
| Shelf life | 24 months in sealed original container. | | |
| Storage | In a cool and dry place. Protect from temperatures below +5 °C! | | |
| Yield | 1:1 | | |

Fire protection compound

| Item | Description | EAN | Content [quantity] |
|---------------|--|---------------|--------------------|
| PRO-1000-0,5B | ArmaProtect 1000 Fire protection compound (0,5 l tube) | 7612207364545 | 20 piece |

Fire protection compound

| Item | Description | EAN | Content [quantity] |
|--------------|--|---------------|--------------------|
| PRO-1000-1,0 | ArmaProtect 1000 Fire protection compound (1 l pail) | 7612207317541 | 27 piece |
| PRO-1000-2,5 | ArmaProtect 1000 Fire protection compound (2,5 l pail) | 7612207317558 | 12 piece |

Fire protection compound

| Item | Description | EAN | Content [quantity] |
|--------------|--|---------------|--------------------|
| PRO-1000-5,0 | ArmaProtect 1000 Fire protection compound (5 l pail) | 7612207317565 | 8 piece |