



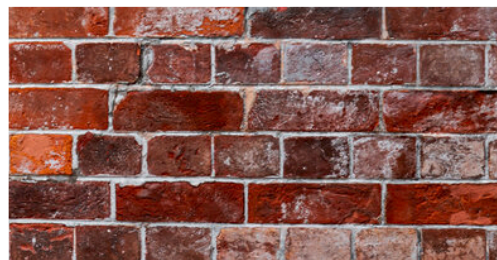
ENHANCING SAFETY LEVELS
TO PROTECT PROPERTY AND
SAVE LIVES.

ArmaProtect 1000

Firestop filler

// Sealing annular gap in applications using ArmaFlex Protect
// For pipe and cable penetrations

www.armacell.com



 **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		

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. This document does not constitute nor is part of a legal offer to sell or to contract.

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical insulation solutions that create sustainable value for its customers. Armacell's products significantly contribute to driving energy efficiency worldwide. With more than 3,100 employees and 26 production plants in 20 countries, Armacell operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.



For more information, please visit:
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