FOR STRUCTURAL FIRESTOP AND SEALING CONNECTIONS

ArmaProtect ACRS

Flexible acrylic firestop sealant for walls and floors

// Structural joints in indoor and outdoor areas
// For sealing connections and joints with moderate expansion stress and without constant exposure to moisture

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TECHNICAL DATA - ARMAPROTECT ACRS

Brief description	ArmaProtect ACRS is an acrylic firestop sealant used to maintain the fire resistance performance of structural firestop joints in walls and floors and sealing connections.
Material type	Acrylic firestop sealant.
Additional material information	Paste-like consistency.
Product colour range	Light grey
Special features	For indoor and outdoor use.
Product range	ArmaProtect ACRS firestop sealant is available as 310 ml cartridge and 600 ml foil cartridge.
Applications	Flexible acrylic firestop sealant for structural joints in walls and floors in indoor and outdoor areas. For sealing connections and joints with moderate expansion stress and without constant exposure to moisture.
Installation	For professional use only. Refer to third party published listings, national approvals / assessments and Armacell's product literature for specific application details as well as before handling this product.

Approvals and compliance

Specification compliance	• UL acc. UL 2079 (ASTM E1966)

Property	Value / Assessment	Standard / Test method
Operating temperature		
Operating temperature	-25 °C to 80 °C (-13 °F to 176 °F)	
Processing Temperature		
Processing temperature	5 °C to 25 °C (41 °F to 77 °F)	
Fire Performance and Approvals		
Reaction to fire	Class E	EN 13501-1
Mechanical properties		
Hardness (Shore A)	15 ± 5 units	
Bulk density	1.56 g/cm³ ± 0.04 %	
Stability	≤ 2 mm	EN ISO 7390
Mass loss	Maximum of 15%	ISO 10563
Skin formation	Approximately 10 min (at 23 °C / 50% relative humidity)	
Motion absorption	Approximately 7.5 %	
Health and environment		
Health aspects	Please refer to the safety datasheet available on our website.	
Emission of dangerous substances	No dangerous substances.	
Other technical features		
Durability	Passed	ISO 8339, ISO 9046, ISO 10591
Overpaintable (emulsion paints)	Passed	EN 13300
Shelf life	Can be kept for at least 18 months if unopened and stored properly.	
Storage	Store / Transport in a cool and dry place with an ambient temperature of 5 °C to 25 °C (41°F to 77°F) and protect from frost.	

Firestop sealant

Item	Description	Content [quantity]
PRO-ACRS-310ML-GY	ArmaProtect ACRS Firestop sealant 310 ml cartridge	15 piece
PRO-ACRS-600ML-GY	ArmaProtect ACRS Firestop sealant 600 ml foil cartridge	20 piece

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 solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company 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.

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