



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

[www.armacell.co.th](http://www.armacell.co.th)



 **armacell**<sup>®</sup>  
MAKING A DIFFERENCE AROUND THE WORLD

## 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 style="list-style-type: none"> <li>UL acc. UL 2079 (ASTM E1966)</li> </ul>
--------------------------	--

Property	Value / Assessment	Standard / Test method
<b>Operating temperature</b>		
Operating temperature	-25 °C to 80 °C [-13 °F to 176 °F]	
<b>Processing Temperature</b>		
Processing temperature	5 °C to 25 °C [41 °F to 77 °F]	
<b>Fire Performance and Approvals</b>		
Reaction to fire	Class E	EN 13501-1
<b>Mechanical properties</b>		
Hardness (Shore A)	15 ± 5 units	
Bulk density	1.56 g/cm <sup>3</sup> ± 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 %	
<b>Health and environment</b>		
Health aspects	Please refer to the safety datasheet available on our website.	
Emission of dangerous substances	No dangerous substances.	
<b>Other technical features</b>		
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.	



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.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our Data Protection Policy.

Trademarks followed by © or ™ are trademarks of the Armacell Group. © Armacell, 2023 All rights reserved.

TDS | 052024 | en-TH

## 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.

For more information, please visit:  
[www.armacell.com](http://www.armacell.com)

  
MAKING A DIFFERENCE AROUND THE WORLD