

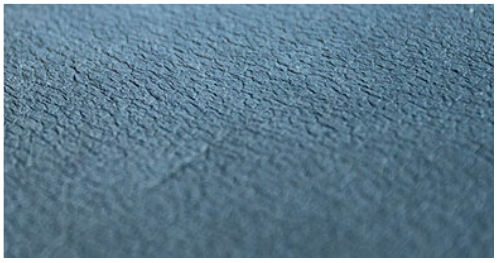
INSTALL IT. TRUST IT.

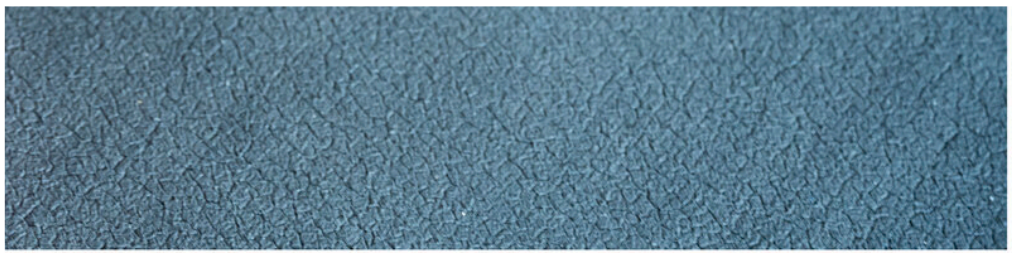
ArmaFlex
520 Adhesive

The adhesive for superior ArmaFlex system reliability

// Fast drying adhesive solution
// Ensures reliable vapour-tight joints
// Specially formulated for ArmaFlex insulation
// For operating temperatures up to +105 °C

www.armacell.com





armacell®
ArmaFlex

ARMAFLEX ACCESSORIES

Elastomeric insulation materials not only have good technical properties, they are also very user-friendly due to their high flexibility and ease of application. When installing these insulation materials it is crucial that they are glued professionally. Therefore, Armacell offers a broad range of adhesives specifically developed for its products and regularly adds innovative solutions.

ArmaFlex 520



THE ADHESIVE FOR SUPERIOR ARMAFLEX SYSTEM RELIABILITY

ArmaFlex 525



SPECIAL ADHESIVE FOR NEXT GENERATION OF ARMAFLEX ELASTOMERIC INSULATION

ArmaFlex 750



SPECIAL ADHESIVE FOR SUPERIOR NH/ARMAFLEX SMART INSTALLATIONS

ArmaFlex HT625



THE ADHESIVE FOR SUPERIOR ARMAFLEX SYSTEM RELIABILITY IN HIGH TEMPERATURE & SOLAR APPLICATIONS

ArmaFlex RS850



THE DRIP-FREE, THIXOTROPIC (GEL-LIKE) ADHESIVE

ArmaFlex ECO550 Adhesives

Reinventing Bonding

The introduction of the ArmaFlex ECO550 range marks the beginning of a new era in adhesive solutions. Designed as a versatile alternative to conventional adhesives, ArmaFlex ECO550 serves as a one-stop solution for all NBR/PVC and black ArmaPrene®-based ArmaFlex insulation materials, while the new ArmaFlex Ultima ECO550 ensures reliable bonding for premium applications.

FORMULA | ENVIRONMENTAL IMPACT



ArmaFlex Ultima 700

ArmaFlex Ultima and ArmaFlex Rail, synthetic rubber insulation materials based on the innovative ArmaPrene technology, require the use of adhesives that have been specially formulated for this type of foam.



Find out more about all accessories in **www.armacell.com**

TECHNICAL DATA - ARMAFLEX 520 ADHESIVE

Brief description	Special adhesive for installing all flexible ArmaFlex insulation materials with the exception of ArmaPrene and ArmaFlex EPDM-based products. See also "Overview ArmaFlex Adhesives".
Material type	Contact adhesive on polychloroprene basis, free of aromatic components.
Additional material information	Liquid
Product colour range	Beige
Applications	Work should not be carried out on plants in operation or areas exposed to strong sunlight. Stir the adhesive with a brush well before use. Apply thinly with a brush or spatula to the areas to be bonded. In case of contact adhesion press together with force during the contact adhesion time. For further details see extensive ArmaFlex Application Manual.
Installation	Clean dirty surfaces and the ArmaFlex surface with ArmaFlex Cleaner before starting the application with the adhesive. Compatibility with bases: very good adhesion to metallic base. The compatibility with colour-coated surfaces with adhesive needs to be tested. Incompatible with: Asphalt, bitumen or red lead paint (inseed oil based).
Remarks	Setting time of the adhesive is 36 hours. Only then should the plant be put into operation. Wait 36 hours before applying coatings (exception ArmaFinish HN), adhesive tape, coverings etc. This product is regulated by Regulation (EU) No. 2019/1148: All suspicious transactions, as well as the loss and theft of significant quantities, must be reported to the competent national authority.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature	Min. °C[1]	Max. °C	
	-50	105	
Weather and UV resistance			
Weather resistance	Very good		
Health and environment			
Volatile organic compounds (VOC) content	Fulfills all VOC requirements (French, Italian, Belgian, German AgBB, EMICODE and Eurofins Indoor air Comfort GOLD).		ISO 16000 Parts 3, 6 & 9
Health aspects	MSDS available on request.		
Green building assessment	Meets the sustainable construction requirements for BREEAM international and DGNB.		
Other technical features			
Application conditions	Application temperature: ideally + 20 °C, not below 0 °C. At temperatures below + 5 °C or high relative humidity (above approx. 80%), increased condensation may form on the surfaces of the glued or adhesive films. In these cases, bonding is difficult or impossible. This can be tested using absorbent paper (blotting or crepe paper).		
Disposal and recycling	Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. More details see relevant Safety Data Sheet.		
Explosion limits	Lower: 1 Vol.% Upper: 20 Vol.%		
Flash point	approx. - 15 °C		
Hazard class	Highly flammable liquid and vapour		
Shelf life	18 months		
Storage	Material shall be stored in a closed (unopened) container in a dry, cool and well ventilated place. Do not store together with: explosive substances; spontaneously combusting substances. Jellification due to frost is reversible.		
Yield	Yield of the adhesive applied to both surfaces: ArmaFlex tubes (thickness > consumption butt joint > consumption butt joint + longitudinal joint): 10 mm > 1120 m/l > 140 m/l 20 mm > 280 m/l > 70 m/l 30 mm > 175 m/l > 45 m/l 40 mm > 130 m/l > 35 m/l ArmaFlex sheets: 7-9 m² /l		

Property	Value / Assessment	Standard / Test method
	These figures are a guide only.	

[1] For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

[2] The full adhesion of the adhesive is achieved after 168 h.

Adhesive - standard. Beige. Portable packaging for ease of use.

Item	Description	EAN	Content [quantity]
ADH520/0,5E	0.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	7612207119152	12 tin
ADH520/0,25E	0.25 litre tins of ArmaFlex 520 adhesive with built-in brush, packed in a carton.	7612207235050	24 tin

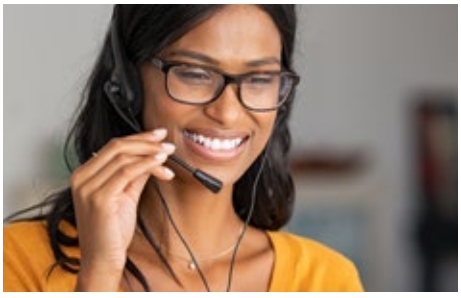
Adhesive - standard. Beige

Item	Description	EAN	Content [quantity]
ADH520/1,0E	1.0 litre tins of ArmaFlex 520 adhesive packed in a carton.	7612207119114	12 tin
ADH520/2,5E	2.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	7612207119176	8 tin

OUR CUSTOMERS EXPECT THE BEST. WE WORK HARD TO GO BEYOND THAT AND EXCEED THEIR EXPECTATIONS.

At Armacell we want to create a unique customer experience. We understand the challenges of today's construction industry and support you in the successful delivery of your projects. From planning to delivery, our 360° service supports you throughout the entire process.







SERVICE AND TECHNICAL INFORMATION AVAILABLE 24/7

At Armacell, we do everything we can to ensure your project runs smoothly. This is why the information about the Armacell services you benefit from is available 24/7 from Armacell.com website as well as from our planning tools (BIM, specification documents, ArmaWin, as well as our sustainable building policy)

DEDICATED LOCAL CONTACTS

We aim to create open lines of communication with our customers. From on-site trainings and webinars by our Armacell technical experts advising on project planning and safety instructions to our local dedicated sales and customer services, your local Armacell dedicated team is working in partnership with you to achieve more together.

DIGITAL INFORMATION FLOWS

From order to delivery, we also provide you with digital information flows such as EDI and other well-known data formats that are widely used in the construction sector worldwide.

LOGISTICS



OUR STANDARD LOGISTICS SERVICES INCLUDE

// Material ordered will be shipped from our facilities within 48 hours after order confirmation

// Full truck loads and full pallets (not mixed – 1 SKU per pallet)

// List prices in this document are based on Ex Works

// Container loading with standard goods

// Customs clearance (including documentation) for standard deliveries outside EU

// Dangerous goods process for road freight

WE GO BEYOND STANDARD SERVICES AND ALSO PROPOSE YOU ADDITIONAL SERVICES*

OPIMISED PACKAGING

- Edge protection
- Strapping
- Doubled stretching
- Reinforced cardboard with extra layer
- Additional warning tape

LABELLING

- Extra label for transport instructions

EXTRA DELIVERY SERVICES

- Just in time delivery
- Delivery with lifting platform for partial or complete load
- Express and direct shipments
- Booking a delivery time slot via your EDP system
- Forklift truck for unloading at construction site
- Air and sea freight deliveries
- Dangerous goods shipment process for air and sea freight



To mitigate cost increases and reduce waste generation, we also propose a pallet return service* by which pallets can be handed at Armacell collection points.

* Please contact your local Customer Service Centre to see which of these services apply to your country.

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.

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Adhesive and cleaner | ArmaFlex 520 Adhesive (EMEA) | Brochure | 102025 | en-DE

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 3,300 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.

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For more information, please visit:
www.armacell.com