



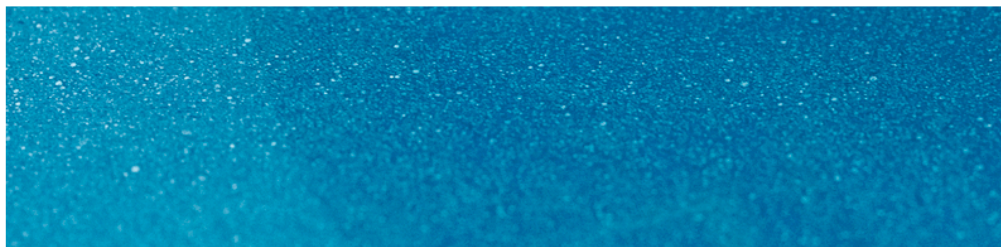
INSTALL IT. TRUST IT.

ArmaFlex Ultima EC0550 Adhesive

Upgraded formula for low-smoke requirements, reduced environmental impact

- // Specially formulated for all ArmaPrene based products
- // Meeting the highest fire and smoke requirements
- // System solution for low-smoke insulation
- // Proven reliability of ArmaFlex adhesives
- // Enhanced efficiency: same results with only a third of the product
- // Designed for a more eco-friendly solution
- // Meeting leading green building standards
- // Free from hazardous components for safer use
- // Easy storage, shipping, and disposal
- // Efficiency boost: save time with add-on ArmaFlex EC0550 Activator

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 **armacell**[®]
ArmaFlex[®]

INSTALL IT. TRUST IT.



ArmaFlex[®] EC0550

Reinventing Bonding

The introduction of the ArmaFlex EC0550 range marks the beginning of a new era in adhesive solutions. Designed as a versatile alternative to conventional adhesives, ArmaFlex EC0550 serves as a one-stop solution for all NBR/PVC and black ArmaPrene[®]-based ArmaFlex insulation materials, while the new ArmaFlex Ultima EC0550 ensures reliable bonding for premium applications.

// Enhanced efficiency

The new ArmaFlex EC0550 range provides the tried-and-tested reliability for which ArmaFlex adhesives are known in the market while delivering even beyond better performance. You only need one-third of these new adhesives to achieve the same result, proving that less is more. Performance can be further boosted by applying the ArmaFlex EC0550 Activator for reduced airing time and immediate bonding.

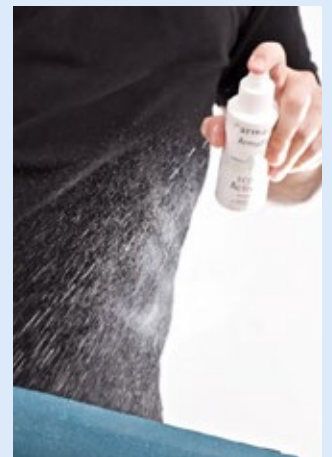
// More health- and eco-friendly solution

Prioritising the health and well-being of our customers, ArmaFlex EC0550 eliminates the risks associated with solvents and unpleasant smells, ensuring a safer working environment. The adhesives meet leading green building standards, making them a more sustainable choice. Storage and shipping are straightforward, with no special conditions or hazardous goods declarations required. Cleaning couldn't be easier: use water for uncured adhesive or a brush for cured material.



GO BEYOND BETTER

and boost your efficiency with ArmaFlex EC0550 Activator for reduced airing time and immediate bonding.



MORE THAN JUST AN ADHESIVE

ArmaFlex EC0550 is a revolutionary solution combining sustainability, safety, and ease of application with improved efficiency. Experience the future of adhesive technology, ensuring high performance without compromising the environment, health, or productivity.

TECHNICAL DATA - ARMAFLEX ULTIMA ECO550 ADHESIVE

Brief description	Solvent-free polychloroprene contact adhesive as single-component or two-component adhesive
Additional material information	Liquid
Product colour range	Blue
Special features	Specially formulated adhesive for uniform and safe seam bonding of ArmaFlex Ultima and insulating materials based on ArmaPrene synthetic rubbers.
Applications	Work should not be carried out on plants in operation or areas exposed to strong sunlight and high windspeed. Apply thinly with a brush or lacquer foam roller to the areas to be bonded. In case of contact adhesion press together with force during the contact adhesion time. Adhesive bond reaches full strength after 36 hours. The system should not be operated during this period and any self-adhesive tapes or protective coatings should only be applied after this period has elapsed. For further details see ArmaFlex Eco550 Adhesive application manual.
Installation	Clean dirty surfaces and the ArmaFlex surface 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.
Remarks	The application of ArmaFlex Ultima Eco550 adhesive shall be performed only by certified users. Before starting application work, a practical instruction training performed by the Armacell Technical Customer Service is obligatory

Property	Value / Assessment	Standard / Test method
Temperature range		
Service temperature	Min. °C ¹	Max. °C
	-50	100
Weather and UV resistance		
Weather resistance	Very good	
Health and environment		
Volatile organic compounds (VOC) content	Fulfills VOC requirements.	
Health aspects	MSDS available on request.	
Other technical features		
Application conditions	Application temperature: ideally between + 15 °C and + 20 °C, not below +5 °C. The maximum relative humidity must not exceed 70%.	
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.	
Flash point ²	223°C	
Hazard class	Not relevant.	
Shelf life	12 months	
Storage	Material shall be stored in the sealed original container. In a cool (preferably not under +15 °C and not over + 35 °C) and dry place. Protect from temperatures below +5 °C!	
Working time	at 20 °C : 1. Minimum drying time (airing time): > 2-3 minutes 2. Contact adhesion time (open time): max. 15 Minutes 3. Setting time: 36 hours The airing and open time depends on the quantity as well as indoor climate conditions.	
Yield	Yield of the adhesive applied to both surfaces: ArmaFlex tubes (thickness > consumption butt joint > consumption butt joint + longitudinal joint): 10 mm > 0,5 g/m > 2 g/m 20 mm > 1 g/m > 4 g/m 30 mm > 1,5 g/m > 6 g/m 40 mm > 2 g/m > 8 g/m ArmaFlex sheets: 30-40 g/m ² These figures are a guide only.	

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

²more information is available in MSDS.

Item	Description	Content [quantity]
AHU-EC0550/300G	300 g tins of ArmaFlex EC0550 adhesive packed in a carton.	6 tin

ArmaFlex EC0550 Activator

Item	Description	Content [quantity]
ACT-EC0550/0,1	100 ml tins of ArmaFlex EC0550 activator packed in a carton.	6 piece

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.



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 Ultima EC0550 Adhesive | Brochure | 082024 | en-WW

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