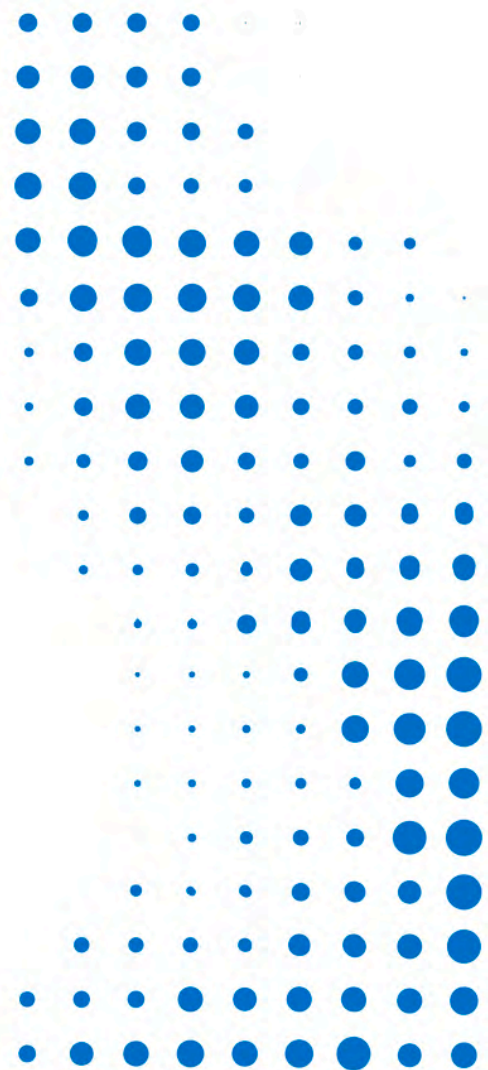## INSTALL IT. TRUST IT.

ArmaFlex
Ultima SF990 adhesive

The advanced environment-friendly adhesive for applications with ArmaFlex Ultima

// Water-based one component solvent-free adhesive
// Specifically formulated for processing ArmaFlex Ultima and insulation materials based on ArmaPrene synthetic rubbers

armacell®
ArmaFlex®

INSTALL IT. TRUST IT.

ArmaFlex Accessories

ArmaFlex Toolbox - Tools for professionals!

When it comes to preventing condensation and energy losses on equipment, not only high-quality insulation material is crucial, but also the installation. ArmaFlex insulation materials not only have the required technical properties, they can also be installed quickly and easily. Armacell already offers various tools and aids such as the ArmaFlex Application Manual and the installation videos. Now all the tools and aids are available in a lightweight, robust, lockable aluminium case!

// Measuring Correctly
- ArmaFlex Application Manual with fabrication and measuring instructions for ArmaFlex covers for complex shaped components
- Folding rule with circumference scale
- Callipers (300 mm) to determine diameters precisely
- Edding marker pen, Armacell ballpoint pen and silver-ink marker pen for marking, making notes and transferring measurements to ArmaFlex insulation material
- Bow compass with a holder for the silver-ink marker pen and protective cap for use on ArmaFlex insulation material

// Cut Perfectly
- ArmaFlex template
- 4 knives: with blade length of 9, 17 and 27 cm for different cut-outs and 1 ceramic knife
- Knife holster for attaching to a belt
- Sharpening stone for the knives
- Sharpened copper pipe ends (6 different diameters) for cut-outs in ArmaFlex insulation material
- Tool for re-sharpening the copper pipe ends

// Glue Neatly
- ArmaFlex short-bristle brush 14, 70mm flat brush
- ArmaFlex Gluemaster (adhesive pump)
- Cleaning cloth for the tools

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 accessories 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

// Solvent-free Accessories

Armacell is the first manufacturer of elastomeric insulation materials to provide solvent-free products. ArmaFlex SF990 and ArmaFlex Ultima SF990 meet the higher requirements of green building schemes regarding environmental and health aspects of the building products used.

We also offer a solvent-free cleaner: the ArmaFlex SF Cleaner can be used to clean soiled surfaces of technical installations as well as the surface of insulation materials, thus ensuring perfect adhesion. The cleaner is supplied in a practical spray bottle so that it can be applied sparingly and precisely.

// Drip-free Gel Adhesive

The drip-free, thixotropic (gel-like) adhesive ArmaFlex RS850

guarantees neat application. The special consistency of this product means that it is very drip-resistant, which is a great benefit when working overhead or when it is important that the insulation is not soiled by drops of adhesive.
As it only releases minimal quantities of solvents when idle, the ArmaFlex RS850 adhesive is particularly suitable for installations in workshops and confined spaces.

ArmaFlex Ultima Adhesives

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. For these materials too, Armacell offers in addition to the standard ArmaFlex Ultima 700 adhesive a solvent-free alternative (ArmaFlex Ultima SF990 adhesive).

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

TECHNICAL DATA - ARMAFLEX ULTIMA SF990 ADHESIVE

Brief description	Water-based one-component adhesive especially formulated for processing of ArmaFlex Ultima and ArmaFlex synthetic rubber insulation materials based on ArmaPrene. See also "Overview ArmaFlex Adhesives".
Material type	Solvent-free dispersion adhesive based on synthetic latex.
Additional material information	liquid
Product colour range	Blue
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 spatula 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 extensive ArmaFlex Application Manual.
Remarks	The application of the ArmaFlex SF990 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	
	-30	100	
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 LEED v4.1, BREEAM international and DGNB.		
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.		
Shelf life	6 months		
Storage	Material shall be stored in the sealed original container. In a cool (preferably not under +15 °C and not below + 30 °C) and dry place. Protect from temperatures below +5 °C!		
Working time	at 20 °C : 1. Minimum drying time (airing time): > 5 minutes 2. Contact adhesion time (open time): max. 20 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 unslotted > consumption slotted): 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: 3-4 m² /l These figures are a guide only.		

[1] For temperatures below -30 °C please contact our Customer Service Centre to request for the corresponding technical information.

Adhesive – standard

Item	Description	EAN	Content [quantity]
AHU-SF990/0,8	ArmaFlex Ultima SF990 adhesive. Available in 0.8 litre cans.	7612207358865	12 tin