

Armaflex®

SF990 Adhesive

THE ADVANCED ENVIRONMENT-FRIENDLY ADHESIVE FOR APPLICATIONS WITH ARMAFLEX®



- Solvent-free, environment friendly adhesive
- No smell and no emissions
- Meets the requirements for sustainable buildings
- Used by Armacell trained installers only
- For operating temperatures between -30 °C and +100 °C
- Water-based dispersion adhesive

Technical Data - Armaflex SF990 [Adhesive]

Brief description	Water-based one component adhesive. Specifically for processing of all Armacell insulating materials based on synthetic rubber with the exception of HT/Armaflex and Armaflex Ultima in buildings.
Material type	Solvent-free dispersion adhesive based on synthetic latex.
Colour	dark grey
Material Special Information	liquid
Applications	Gluing of all Armaflex insulation materials based on synthetic rubber with the exception of HT/Armaflex and Armaflex Ultima.
Assembly	Please observe our installation / product data. The maximum relative humidity must not exceed 70%. Work should not be carried out on working plants, for areas exposed to strong sunlight and high wind speed. Apply adhesive with a brush in a thin uniform layer to both surfaces to be joined. Adhesive bond reaches full strength after 72 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. A detailed application advice is available.
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	Special Remark
Temperature Range		
Temperature Range	max. service temperature	+100 °C
	min. service temperature	-30 °C
Processing temperature	ideally between +20 °C and +30 °C For temperatures at low temperature e.g. +5 °C please contact our application specialist.	
Other technical features		
Yield	Minimum consumption with the adhesive applied to both surfaces:: 3-4 m ² / l	These figures are a guide only.
Storage & Shelf life	6 month in sealed original container.	In a cool (preferably not under +15 °C and above +30 °C) and dry place. Protect from temperatures below +5 °C!
Pre-treatment of surface to be bonded	Clean dirty surfaces and Armaflex surface with Armaflex Cleaner or Armaflex SF Cleaner. Compatibility with bases: very good adhesion to metallic base, except galvanized surfaces. The compatibility with colour coated surfaces with adhesive needs to be tested.	
Transport classes	No hazardous material as defined by the transport regulations.	
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. More details see relevant Safety Data Sheet.	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.
Working time	at 20 °C; 55% : 1. Minimum drying time (airing time): approx. 12 - 60 minutes 2. Contact adhesion time (open time): approx. 5 to 10 minutes 3. Setting time: 72 hours	The open time depends on the quantity as well as indoor climate conditions. Before operation time the setting time needs to be allowed to elapse.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. For some refrigerants the discharge temperature may exceed +110 °C, please consult our Customer Service Center for further information.

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