



**STORIES
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References

Exploring the future today - moon habitant mission



In 2020 SAGA Architects and Armacell set up a moon mission in Arctic Greenland – a practical test of how to make space liveable for future travellers. ArmaFlex Ultima was the only flexible insulation material to meet the SAGA's design requirements and Greenland's shelter regulations.

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Increased fire safety in the new Tergooi hospital with ArmaFlex Ultima



Fire safety is essential in healthcare facilities. In the new Tergooi hospital in Hilversum, low-smoke ArmaFlex Ultima and ArmaFix™ Ultima were installed on the chilled-water equipment of the air-conditioning system to ensure condensation control, energy efficiency and people safety.

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Fischer Kälte-Klima relies on the new safety standard in insulation technology - ArmaFlex Ultima



When safety, energy efficiency and a healthy indoor climate are the top priorities in construction projects, ArmaFlex Ultima is the obvious choice for equipment insulation. At its new company headquarters in Kernen (Germany), the specialist wholesaler Fischer Kälte-Klima relies on the new safety standard in insulation technology.

© Fischer Kälte-Klima

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ArmaComfort AB Alu Plus guarantees acoustic comfort in Mennica Legacy Tower



The 140-meter Mennica Legacy Tower, with its glazed façade, rises proudly to the sky, standing out in the Warsaw skyline. The need to build installation risers takes up valuable space, and the work of all equipment creates noise. ArmaComfort AB Alu Plus was chosen as a perfect solution to guarantee acoustic comfort and optimal temperature in the building.

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Energy-efficient condensation control in the new Bauhaus Museum



In museums the air-conditioning technology has to meet the highest requirements: it is responsible for creating a pleasant indoor climate and ensuring constant temperature and humidity, it should be energy- and cost-efficient and as invisible and silent as possible in operation.

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ArmaFlex on one of Europe's highest alpine construction sites



Photo:Axpo

One of the most spectacular projects of our times is currently underway in the Glarus Alps: the "Linthal 2015" project will increase the performance of the Linth-Limmern pumped-storage power plant many times over and allow flexible electricity generation. Halogen-free NH/ArmaFlex insulation was installed on all refrigeration equipment and the flexible fire protection system ArmaFlex Protect was used for pipe penetrations.

[Learn more](#)

ArmaFlex Ultima in Fresenius Kabi's new penicillin production plant



Premiere on the building site: even before it was officially launched, the new enhanced ArmaFlex Ultima had been installed in the new Labesfal - Fresenius Kabi plant. To prevent the pharmaceutical products manufactured here being contaminated, the construction materials have to meet the stringent requirements for cleanroom technology.

[Learn more](#)

ArmaFlex submersed in ice



Snow, ice, gale-force winds and temperatures down to -55°C – conditions at the Halley VI Antarctic Research Station can hardly get any tougher. Now a crack discovered along the ice-shelf means the mobile research station is to be moved 23 km across the ice.

[Learn more](#)

AF/ArmaFlex and ArmaFix AF in the Hilton Schiphol Hotel



If the hotel industry awarded stars for the insulation concept, the new Hilton Amsterdam Airport Schiphol Hotel would certainly have deserved a fifth star. The impressive building complex relies on the tried-and-tested combination of AF/ArmaFlex and ArmaFix AF and the insulation work was carried out under the ArmaFlex System Warranty.

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ArmaSound Industrial Systems in one of Europe's largest cavern storage facilities



Thermal-acoustic insulation of installations at the new gas processing plant in Etzel (Germany); reliable protection against corrosion under insulation (CUI)

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Replacing failed low-temperature insulation with ArmaFlex Cryogenic Systems



Maximum functional reliability and high cost effectiveness

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When perfect room acoustics are essential: ArmaSound used in Deutschen Welle's state-of-the-art TV studio



Elimination of unwanted extraneous noise using ArmaSound RD; Simple and neat installation

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Arma-Chek Silver in the world's largest lyocell plant



Austrian Vöcklabruck district is the site of Europe's biggest ever Arma-Chek project

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ArmaFlex Ultima in the state-of-the-art Mercedes Benz Commercial Vehicle Centre Weser Ems



In a fire low smoke density decisive for the safety of people in buildings

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ArmaFlex Ultima in Scandinavia's first clinic for proton therapy



New safety standard in technical insulation

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