PAROC® HVAC LAMELLA MAT ALUCOAT FIX

QUICK ASSEMBLY[1]:

- Self-adhesive layer reduces installation time
- Suitable for flat and uneven surfaces

MULTIPLE APPLICATIONS:

- Circular and rectangular ductwork in HVAC systems
- Well suitable for large diameter pipes
- Tanks, valves and other system components

ENERGY-SAVING:

- Thermal insulation helps to reduce thermal loss and to save energy

CERTIFICATES:

- Tested adhesive strength according to FIW test report L[1].3-19-1474-02 (EN 1607:2013) on metallic substrates[2]
- Tested adhesive strength according to FIW test report L[1].3-23-1034 (EN 1607:2013) on non-metallic substrates such as PE/PP and PVC[2]
- Indoor Air Comfort Certificate IAC-339-01-01-2023[2]

CAN REDUCE RISK CONDENSATION:

- Water vapour-resistant barrier (reinforced aluminium foil called AluCoat) can help to reduce the risk of condensation when installed tightly

[1] applies to standardized duct dimensions ≤600 mm
[2] test reports available on request

OWENS CORNING® PAROC®

PAROC® HVAC LAMELLA MAT ALUCOAT FIX

Data sheet

CE mark

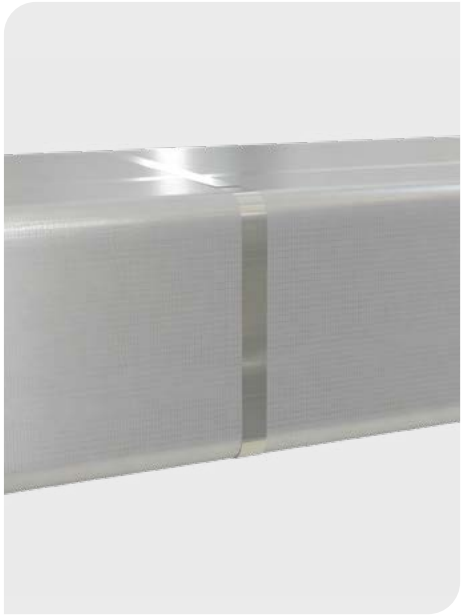
MW-EN 14303-T4-ST(+)50-WS1-MV2-CL10

PAROC® Hvac Lamella Mat AluCoat Fix is a ventilation and air conditioning duct insulation lamella mat made of non-combustible PAROC® stone wool.

The product is designed for thermal and condensation insulation of circular and rectangular ductwork in HVAC systems. Suitable for all indoor ventilation ducts and HVAC equipment with medium temperature up to 50°C. With FIX adhesion layer PAROC® Hvac Lamella Mat AluCoat FIX makes installation quick and easy.

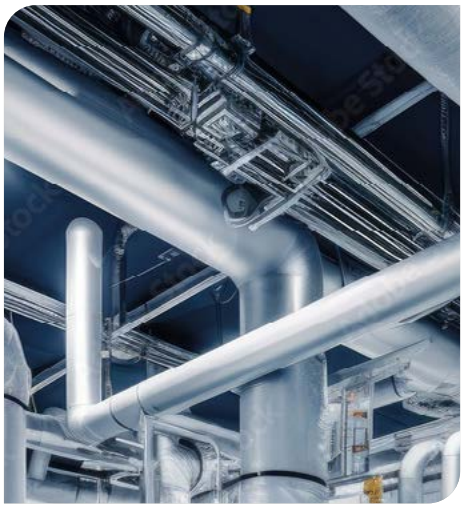
It's perpendicular fiber orientation maintains stiffness to preserve its designed thickness on all edges, guaranteeing consistent insulation performance and enhancing the overall efficiency of the HVAC system.

It is reinforced with a AluCoat facing, a water-vapour resistant barrier which, together with taped joints, can reduce the risk of condensation and water-vapour permeability. The adhesive layer is protected by a peel-off foil which supports the durability of the connection and does not lose its properties over time. PAROC provides the necessary accessories, like PAROC® Head Pins Insulated and PAROC® Hvac Alu/AluCoat Tapes as well as PAROC® Hvac Dots for a safe and professional installation.

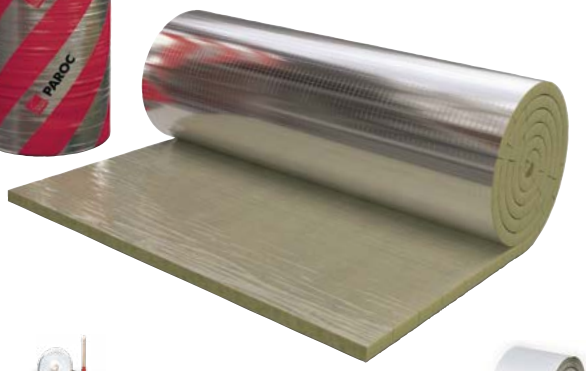


PAROC® Hvac Lamella Mat AluCoat Fix[1]					
Fire class:		**A2-s1, d0**			
Dimensions [mm]	Width	1000	1000	1000	1000
	Thickness	50	60	80	100
	Length	5 000	4 000	3 000	2 500
Fire class:		**B-s1,d0**			
Dimensions [mm]	Width	1000	1000	1000	
	Thickness	20	30	40	
	Length	10 000	8 000	6 000	

[1]*other thicknesses available on request*



PAROC® HVAC LAMELLA MAT ALUCOAT FIX



PAROC® ALUCOAT TAPE
Adhesive tape made of aluminum, one-sided with a solvent-free, highly cross-linked polyacrylate adhesive and a siliconized release or protective film.

PAROC® PRO KNIVES
Particularly suitable for cutting Paroc products

PAROC® HEAD PIN INSULATED
Welding pin insulated with galvanized plate

PAROC® HVAC DOTS
Round pre-assembled tapes for covering welding pins

Important:

- The operating temperature of the duct system should not exceed 50 °C
- Additional surface protection is required for outdoor applications
- Mechanical loads on the surface can lead to a damage of the insulation
- For storage instructions see technical data sheet

PAROC® CALCULUS: DESIGN AN ENERGY EFFICIENT INSULATION SOLUTION TAILORED TO YOUR PROJECT

PAROC® Calculus is a technical insulation calculation program for dimensioning thermal insulation for different HVAC and Process Industry applications e.g. pipes, ventilation ducts and process industry tanks. With PAROC® Calculus it is also possible to calculate the heat loss for insulated and uninsulated valves and flanges, which usually increases the risk of heat loss. Additionally, the heat loss caused by thermal bridges in pipe and duct suspensions can be taken into account.

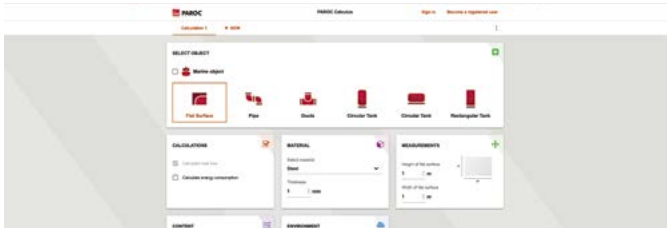
With PAROC® Calculus you can design energy efficient and economical insulation solutions for different HVAC and process industry applications with PAROC products.

PAROC® Calculus features:

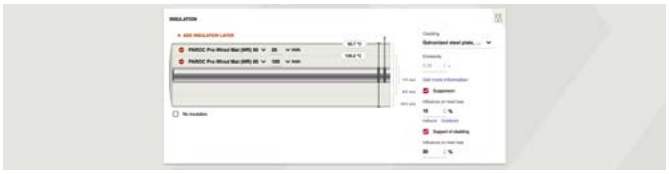
Updated according to ISO 12241:2022

- Easy to use interface
- Works on pc, tablets and mobile phones
- Calculations for heat loss, surface temperature and temperature drop in pipes, ventilation ducts, process industry tanks, valves and flanges
- Easy input of pipe diameters and duct dimensions (predefined)
- Thermal bridges of pipe and duct suspensions
- Print out your calculations to pdf
- All calculations are based on equations described in the EN ISO 12241 standard
- Calculation with insulation materials from other manufacturers possible, after specifying the technical properties of the insulation material (for registered users)

Select application



Calculate with surface temperature display - cladding systems, suspensions and substructures can optionally be used for the calculation



This software (the Service) calculates properties of insulation solutions made by PAROC Technical Insulation products. Calculations are based on standard ISO 12241. The latest version is always on Paroc web pages. The information contained in the online insulation, energy and CO_2 calculations (the Service) is provided in good faith and for general information purpose only. Owens Corning as well as any of its direct or indirect affiliates, including Paroc Group OY (individually and jointly "Owens Corning") assumes no responsibility for errors or omissions in the contents of the Service, including technical or product data, product recommendations, research information, data and/or content contained in the Service. In providing the Service, Owens Corning does not make any warranties about its completeness, its reliability and its accuracy. Any action you take upon the information you find in using the Service, is strictly at your own risk. In no event shall Owens Corning be liable for any special, direct, indirect, consequential, or incidental damages or any other damages whatsoever, whether in an action of contract, negligence or other tort, arising out of or in connection with the use of the Service or the contents of the Service. Owens Corning reserves the right to make additions, deletions, or modification to the contents on the Service at any time without prior notice. By using the Service, you hereby consent to the present disclaimer and agree to its terms.

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NOTES

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