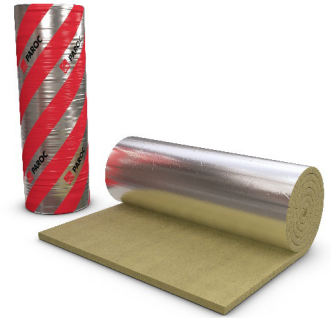


PAROC Hvac Lamella Mat AluCoat

PAROC Hvac Lamella Mat AluCoat is a ventilation and air conditioning duct insulation 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. It is suitable for indoor and outdoor ducts and HVAC equipment and can withstand medium temperatures of up to 250 °C. For outdoor installations, to maintain the integrity of the AluCoat-facing, the product must be protected from weather conditions with an additional covering. The combination of flexibility and stiffness of the product makes the installation process efficient and effective by allowing the mat to easily conform to the shape of ducts and other HVAC systems.

PAROC Hvac Lamella Mat AluCoat does not burn or contribute to fire spread with a reaction to fire classification of Euroclass A1, according to EN 13501-1. The lamellas' 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. The product is tested according to voluntary indoor emission classification certificate M1.

It is reinforced with an AluCoat facing, a water vapour-resistant barrier which together with taped joints reduces condensation risk and vapour permeability. With PAROC Hvac AluCoat Tape and PAROC Hvac Alu Tape having a facing identical to that of the lamella mat and with other PAROC accessories, correct and efficient insulation can be achieved.



www.blauer-engel.de/lz132



Environmental
Properties

The European Certification Board for Mineral Wool products (EUCEB) trademark on our products confirms that PAROC Stonewool fibre fulfils the bio solubility requirements of EU directive No. 1272/2008. The German RAL quality mark confirms that the bio solubility and safety requirements are met according to the German technical regulation TRGS905.

PAROC Stonewool is made of stone. The volume of the product is ~98% air and only ~2% fiberized stone. The excellent properties of the product are based on the properties of the raw materials. PAROC Stonewool maintains its insulating ability and dimensions throughout the reference service life of the the building, which is considered to be minimum 50 years.

PAROC Stonewool is reusable and can be recycled into new stone wool products.

Certificates and
Approvals

EC Certificate of Conformity0809-CPR-1016

PAROC lamella mats can be used to satisfy the requirements as given in the tables for insulation thickness in BS5422:2023. PAROC can offer help and assistance to customers to confirm that the insulation systems proposed do in fact achieve the necessary performance criteria.

Storage and Install-
ation

PAROC products should be stored in packaging protected against external weather conditions.

Installation in accordance with the design assumptions or based on the manufacturer’s instructions.

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