



Acoustic & thermal solution

Designed as a flexible acoustic and thermal solution for heating & ventilation pipe or duct work and water/oil storage vessels

- Manufactured from non-combustible mineral wool
- Free from CFCs, HCFCs and any other material with ozone depletion potential and a global warming potential of less than 0
- Does not absorb moisture
- High vapour resistance
- Easy to handle and install, being light weight and easy to cut to size



Technical Data



FIRE

GIS Lamella Roll is a non-combustible material with excellent fire performance. It is classified as EUROCLASS A1 to BS EN ISO 13501-1, which is the highest fire classification available. This means that GIS Lamella Roll will not support combustion, even when exposed to high temperatures.

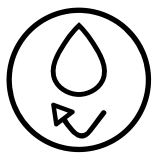
GIS Lamella Roll also meets the requirements of BS 476: Part 4: 1970 (1984), Class 1 Surface Spread of Flame to BS 476: Part 7 1997 and Class 'O' to the Building Regulations. This means that it will not contribute to the spread of fire and will not produce a large amount of flame when exposed to fire.



MOISTURE RESISTIVITY

GIS Lamella Roll has been tested to BS 2972: 1989: Section 12, and it absorbs less than 0.004% of moisture when exposed to 90% relative humidity at 20° C.

This means that GIS Lamella Roll will not swell or degrade when exposed to moisture. It is a good choice for applications where moisture resistance is important.



VAPOUR RESISTANCE

GIS Lamella Roll has a vapour resistivity of 7.00 MN.s/g.m. This makes it a good choice for applications where moisture control is important. Lamella Roll can be used to insulate pipes and ducts in buildings which will help to prevent condensation from forming on the pipes and ducts.



ENVIRONMENT

GIS Lamella Roll is a sustainable product that is free from ozone-depleting substances (ODS) and has a low global warming potential. This means that it will not contribute to the depletion of the ozone layer or global warming.

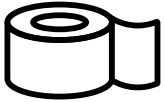
GIS Lamella Roll is made from mineral wool, which is a natural and renewable resource. It is also recyclable, so it can be disposed of responsibly at the end of its life.

Technical Data



HANDLING & STORAGE

GIS Lamella Roll is easy to handle and install. It is lightweight and easy to cut to size. GIS Lamella Roll is supplied in rolls on pallets. For longer-term outside storage (stock or site), the pallets should be stored under a secure waterproof covering. The product should not be left permanently exposed to the elements.



SEALING

GIS Lamella Roll must be joint sealed with GUARDIAN4TAPE foil self-adhesive tape in 50mm, 75mm or 100mm wide in black, white or silver. This tape is designed to adhere to the black or white lacquered surface of GIS Lamella Roll. Standard tapes may not stick over time due to chemical reactions.

Technical Data

Thickness (mm)	Order Ref	Order Ref	Order ref	Roll Length (mt)
20	GLM/020/10000	GLM/020/60/10000	GLM/020/80/10000	10.0mt
25	GLM/025/10000	GLM/025/60/10000	GLM/025/80/10000	10.0mt
30	GLM/030/8150	GLM/030/60/8150	GLM/030/80/8150	8.15mt
35	GLM/035/6500	GLM/035/60/6500	GLM/035/80/6500	6.50mt
40	GLM/040/6000	GLM/040/60/6000	GLM/040/80/6000	6.00mt
45	GLM/045/6000	GLM/045/60/6000	GLM/045/80/6000	6.00mt
50	GLM/050/5000	GLM/050/60/5000	GLM/050/80/5000	5.00mt
55	GLM/055/5000	GLM/055/60/5000	GLM/055/80/5000	5.00mt
60	GLM/060/4500	GLM/060/60/4500	GLM/060/80/4500	4.50mt
65	GLM/065/4000	GLM/065/60/4000	GLM/065/80/4000	4.00mt
70	GLM/070/4000	GLM/070/60/4000	GLM/070/80/4000	4.00mt
75	GLM/075/4000	GLM/075/60/4000	GLM/075/80/4000	4.00mt
80	GLM/080/3500	GLM/080/60/3500	GLM/080/80/3500	3.50mt
90	GLM/090/2500	GLM/090/60/2500	GLM/090/80/2500	2.50mt
100	GLM/100/2500	GLM/100/60/2500	GLM/100/80/2500	2.50mt

Other lengths and thicknesses can be made to suit project needs POA.