

Lamella Roll

Date: 19/01/2021

Reference: 24

Issue: 1

GIS Lamella Roll is manufactured from rock mineral wool. The standard lamella product is supplied with a silver class O foil face in various thicknesses, rolls are also available with white foil, black foil or plain kraft paper facings. For external use use Cladface EXTHD.

APPLICATION

GIS Lamella Roll is designed to be a flexible solution for acoustic and thermal use on heating and ventilation pipe or duct work. As well as being suitable for use on water/oil storage vessels of odd shapes. If a high acoustic requirement is needed this can be achieved by adding a polymeric layer between the foil and the lamella strips on the roll or for smaller pipes see our **GIS Acoustic Pipe Sections** or our other ranges of polymeric acoustic products.

DURABILITY

GIS Lamella Roll is odourless, non-hygroscopic, rot proof, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

ENVIRONMENTAL

GIS Lamella Roll is free from CFCs, HCFCs and any other material with ozone depletion potential in their manufacture and content and represent no known threat to the environment.

GIS Lamella Roll has a global warming potential of less than 0.

MOISTURE RESISTIVITY

GIS Lamella Roll is non-wicking when tested to BS 2972: 1989: Section 12. When exposed to 90% relative humidity at 20° C, **GIS Lamella Roll** absorbs less than 0.004% of moisture.

STANDARDS

GIS Lamella Roll is made from non-combustible inorganic rock wool, defined as mineral wool in BS 3533:1981.

VAPOUR RESISTANCE

GIS Lamella Roll has a vapour resistivity of 7.00 MN.s/g.m.

HANDLING & STORAGE

GIS Lamella Roll is easy to handle and install, being light-weight 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.

GIS Lamella Roll should not be left permanently exposed to the elements.

PRODUCT DATA

GIS Lamella Roll slab has a thermal conductivity of 0.040 W/mK. **GIS Lamella Roll** slab is classified as EUROCLASS A1 to BS EN ISO 13501-1.

Must be joint sealed with GUARDIAN4TAPE foil self adhesive tape in 50mm, 75mm or 100mm wide in black, white or silver designed to adhere to the black or white lacquered surface (standard tapes may not stick over time due to chemical reactions).

FIRE PERFORMANCE

GIS Lamella Roll is classified as EUROCLASS A1 to BS EN ISO 13501-1, non-combustible to 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.

Contact:
sales@gisuk.co
Tel: 01827 219327

Address:
William Nadin Way, Swadlincote,
Derbyshire, DE11 0BB

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.

CLASS O SELF ADHESIVE FOIL TAPES

Length (m)	Width	Finish	Per Box
45	50	Silver	24
45	75	Silver	16
45	100	Silver	12
50	50	White or Black Lacquered	24
50	75	White or Black Lacquered	16
50	100	White or Black Lacquered	12

CLADFACE EXTHD TAPES

50	70	White, Silver or Grey	16
50	100	White, Silver or Grey	12

Class O white and black tapes must be used as compatible with lacquered foil face.

