

Thermal Acoustic Products



Chimwrap®

This unique product manufactured and designed by Thermal Acoustic Products Ltd for the insulation of chimney liners, with ease of installation in mind. This means that the liner is insulated prior to the flue being installed, no back fill and no mess.

The inner lining of **Chimwrap®** is manufactured using long strand textile grade borosilicate glass fibre, which is mechanically consolidated to form a felt product. This will not only give a peak operational temperature of **550°C** but is also capable of withstanding severe thermal shock. The product is stable in arduous environments and does not accelerate corrosion of metallic components, contains low resins and binder that prevents volatilization. The base products used within the manufacture of Chimwrap are tested to the European Standard, Class A1 Din 4102 (Only non-combustible products can be rated in the highest class of A1).

The outer fabric is manufactured from e-glass cloth, which is low in resin and binder; this also reduces smoke development and the prevention of volatilization. The straps are manufactured using a high weight e-glass cloth, which is weave locked to prevent fraying and tearing. This also means that with the use of stainless steel cable ties the straps can be tightened sufficiently to prevent snagging within the chimney. The base fabric is also non-combustible and has a maximum operating temperature of **550°C**

If it doesn't say Chimwrap® on the label it is not Chimwrap®

Thermal Properties

Temperature	50	100	150	200	250	300	350	400
"K" Value	.044	.048	.054	.062	.071	.082	.094	.108

Chimwrap is manufactured using only the highest standard materials. All material used in the manufacture process of Chimwrap are tested to European and British standards.

For further information on Chimwrap®

Please Phone 01255 475 475

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Chimwrap®

Technical Information

Chemical Analysis

Silicon Oxide	SiO ₂	54.5%
Aluminium Oxide	Al ₂ O ₃	14.8%
Iron Oxide	Fe ₂ O ₃	0.1%
Calcium Oxide	CaO	17.6%
Magnesium Oxide	MgO	4.5%
Sodium Oxide	Na ₂ O	0.4%
Potassium Oxide	K ₂ O	0.1%
Boron Oxide	B ₂ O ₃	8.0%

Building Supervisory Certificate

Incendiary Class A1 acc. to Din 4102 (non combustibility)

Weight loss on ignition: Din ISO 1887

Class O to Building Regulations.

Achieving Class 1 (Surface of very low flame spread) when tested in accordance with BS 476 part 7: & the indices of performance to BS 476 part 6. Non-combustible to BS 476 part 4.

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Product Variants	Length	Diameter
CW1155	1mtr	155mm
CW2155	2mtr	155mm
CW3155	3mtr	155mm
CW1200	1mtr	200mm
CW2200	2mtr	200mm
CW3200	3mtr	200mm

www.chimwrap.com

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Chimwrap® Installation Guide

Step 1



Lay Chimwrap® out with liner on top

Step 2



Insert stainless steel cable ties, pull up tight with pliers, center first

Step 3



Continue with other straps

Step 4



Ensure cables ties are tucked in to prevent snagging

Step 5



Pull the finished liner up the chimney

For further information on installing

Please Call 01255 475 475