



LITE



This sign endorses that
the product is asbestos-free



CERTIFIED TO MS ISO 9001:2000
Registration No.: AR 0387

Non-Combustible*
with Fibre Cement Toughness

*Conformed to BS476 : Part 4 & CNS 6532



Soffit

GENERAL SPECIFICATIONS

NON-COMBUSTIBLE

Conformed to BS and CNS standards.

EFFECT OF MOISTURE

Will absorb water causing some loss of strength which is fully recovered on drying. Moisture will not cause leaching or efflorescence and has no permanent effect on the board.

THERMAL

Provides a degree of thermal insulation and is an ideal support for insulation materials.

SMOKE / GAS GENERATION

As the board contains only a small quantity of organic material and do not rely on resin or fire retardant to achieve performance, emission of smoke and toxic gas during fire is minimal.

BIOLOGICAL

Resistance to attack by insects or vermin. It will not nourish mould growth but should be sealed when used in areas where boards are liable to absorb matter that will support mould.

CHEMICAL

Resistance to brine and chlorine, low concentrations of most acids, alkalis, bleaching agents and solvents. Boards should be protected where high chemical concentrations are likely to occur.

UCO LITE is a calcium silicate board reinforced with selected fibres and fillers. It does not contain asbestos or any other inorganic fibre.

UCO LITE is an off-white, strong, lightweight non-combustible building board. It is used in many fire resisting and general purpose building applications, for residential, commercial and industrial buildings.

APPLICATIONS

UCO LITE is designed for ceiling, linings, soffits, partition and ducting.

ADVANTAGES

- Asbestos-free
- Lightweight
- Easy to work on
- Non-combustible
- Surface finish versatility
- Durable



Ceiling

WORKING GUIDELINE

GENERAL

Use normal woodworking tools.

CUTTING

Use a fine-toothed panel saw. For shaped cuts use a pad saw, keyhole saw or coping saw. Work with fair face upwards and support the board as cutting progresses.

Quick and easy rough cuts can be made by scoring boards with a knife and snapping over a straight edge.

For power sawing use a tungsten carbide or diamond tipped blade.

DRILLING

Use normal low or high speed drills. Place scrap board under the drilling location to ensure a clean hole.

SANDING

Sand with conventional sandpapers.

PAINTING

Prime board before painting. For water based paints apply a watered down first coat. For oil based paints use a universal primer. For textured paints use manufacturer's recommended sealer. Alkali resistant primers are not required.

HEALTH AND SAFETY

UCO LITE is formulated without asbestos or any other inorganic fibre, and no special precautions are necessary in handling or working. When using power saws in a confined space, dust extraction equipment is recommended to control dust levels. Boards will support their own weight, but are not load bearing.



Ceiling

TECHNICAL SPECIFICATIONS

Physical/Mechanical Product Properties

Nominal Dry Density (kg/m ³)	900 - 1100
Alkalinity / pH value	7 - 9
Moisture content (%, EMC)	8 - 12
Moisture Movement (%, EMC to Saturated)	< 0.12
Water Absorption (%)	55 - 65
Thermal conductivity (W/mK)	0.136
Flexural Strength (MPa, Oven dry)	Average 10

EMC: Equilibrium Moisture Content, at 25°C & 50% Relative Humidity

Fire Resistance Properties

Non-combustible - conformed to BS476 : Part 4 & CNS 6532 : Class I

Dimensions

Length x Width (mm)	Thickness (mm)		
	4.5	6.0	9.0
2440 x 1220	✓	✓	✓
2400 x 1200	✓	✓	✓
1830 x 915	✓	✓	



Wall Partition

WARRANTY

The recommendations in this brochure are formulated along the lines of good building practice. However, this brochure is not intended to be an exhaustive statement of all relevant data.

As the success of building projects depends on many factors outside UAC's control (e.g. quality of workmanship, particular design detail the requirements, etc.), UAC accepts no responsibility or liability for or in connection with the quality of the projects or their suitability when completed.

For a warranty period of one year from date of delivery of UAC's products ("UAC Products") to the purchaser ("Warranty Period"), UAC warrants that the UAC Products are free from defects which are solely due to materials or manufacturing faults. The foregoing warranty shall not apply to the extent that:

- a) the defect, loss or damage is caused by any act, default or misuse of the UAC Products (or part thereof) by the purchaser or any third party or by failure to follow any instructions or specifications of UAC or by modification of the UAC Products or installation, application and/or combination of the UAC Products with any other products not approved by UAC; or
- b) UAC is not notified in writing within the Warranty Period of any relevant defect in the UAC Products or part thereof.

Subject to such provisos, UAC will at its sole option and subject to the investigations, verifications and inspection of such defect by a UAC representative, either (a) replace such defective UAC Product or part thereof; or (b) re-fund the price paid for the defective UAC Product or part thereof. The liability of UAC shall include only Products with antecedent defects. The liability cannot be extended to include Products without defects which might have been delivered at the same time as the defective Products. The foregoing shall be the sole and exclusive remedy in the event of any breach of the said warranty.

To the greatest extent permitted by any applicable law, the warranties referred to the above shall be sole and exclusive and in lieu of all implied or statutory warranties (including without limitation, the implied warranties imposed by the Malaysian Sale of Goods Act 1957 and all other warranties implied by law as to merchantability, satisfactory quality of fitness for a particular purpose, or otherwise arising from course of dealing or usage of trade) or any other express or implied warranties or representations.

To the greatest extent permitted by any applicable law, in no event shall UAC be liable to the purchaser or any other person or entity for any loss or damage including without limitation special, indirect, incidental, punitive, exemplary, or consequential damages, loss of profits, loss of business or loss of use; whether based upon contract, tort, negligence or otherwise arising out of the manufacture, sale or delivery of the UAC Products, even if UAC has been advised of the possibility of such damage or loss.

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the NAME you can TRUST

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