

## TECHNICAL INFORMATION SHEET

### Applications

For mineral wool, rock wool and glass wool in forms of felts, lamella mats, plain slabs. For air conditioning duct insulation and building insulation rolls. For preformed pipe sections. Also suitable for facings to RIGID Polyurethane, Polyisocyanurate, Phenolic Foam, expanded Polyethylene Foams, used for building insulation and for use as facing to "Ceiling Boards". Extensively used for "Duct-Slabs" in air conditioning application.

### Description

CMS Class O Foil face (COFF) is a 3 layer laminate facing and vapour barrier for lamination to insulation and acoustic materials.

### Special Features

CMS Class O foil face exhibits excellent fire resistance. It is a highly effective vapour barrier, offering excellent mechanical strength, water vapour resistance and thermal reflectivity. The reinforcement scrim is made up of glass fibre filament in a pattern of 5 x 5mm, which is sealed to the aluminium foil with heat sealable polyethylene.

Lamination is carried out by using adhesives as special formulation of PE which increases strength, elasticity and moisture vapour resistance.

### Technical Values

Properties	Standard	Unit	Value (Bright Class O)
Basic weight	DTN 51104	g/m <sup>2</sup>	92 Tensile
Machine Direction	DIN 53112	N/m	4600
Cross Direction	DIN 531.12	N/m	4000
Elongation			
Machine Direction	DIN 53112	%	2.8
Crows Direction	DIN 53112	%	3.5
Burst Strength	nTN 53113	kN/m <sup>2</sup> - kPa	200
Temp resistance	-	from - to °C	-5 .....+90
Corrosion	-	60°C/95% R.H. 24 0 Hrs	0
Water vapour permeability	DIN 53122	g/m' 24 Hrs	0.05
Infrared-ray reflection		%	85
Absorption of water	DIN 53132	g Cobb	-0
Burning class (in connection with suitable mineral wool)	RS476		Class O

**IMPORTANT:** Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves that the product is suitable for the purpose intended.