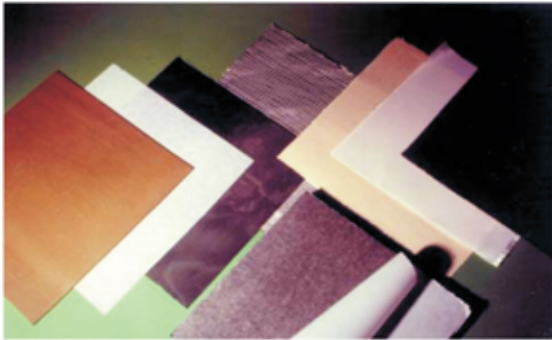


TECHNICAL INFORMATION SHEET



Advantages

S-V1 Coating

- **Fire resistant polymeric coating.**
- **Surface can be easily wiped clean.**
- **Improves durability.**
- **Provides resistance to water, oil, petrol, diesel, and detergents.**
- **Large improvement to mid frequency acoustic performance.**

SVG1 Facing

- **Fire resistant glass cloth facing.**
- **Surface can be easily washed with a soap solution.**
- **High resilience and improves durability.**
- **Provides resistance to acids, alkalis, oil, grease, petrol, and diesel.**

S-V1 Coating

Applications

CMS Class O acoustic foam with an S-V1 coating is employed where a resistance to fluids and chemicals is required. Ideal for clean room and computer room applications where a dust free environment is specified. Where CMS Class O acoustic foam is used for internal and external duct linings, the S-V1 surface treatment provides an effective barrier to water especially at ductwork inlet sections. S-V1 is applied to CMS Class O acoustic foam for engine room applications such as under bonnets and in engine compartments.

Description

CMS Class O acoustic foam composite comprising fire resistant foam (see data sheet 1001) with a fire resistant polymeric coating.

Physical Information

The S-V1 coating is sprayed onto one side of the CMS Class O acoustic foam material, and is black in colour.

Technical Information

As a coating for the CMS Class O acoustic foam; the composite will not significantly alter the technical and performance characteristics as stated in Data sheet 1001 for the Class O acoustic foam. There will only be a slight loss in acoustic performance at frequencies above 3000 Hz.

The Class 'O' fire rating is applicable for the Class O foam with S-V1 coating composite.

SVG1 Facing

CMS Class O acoustic foam with an SVG1 facing is employed in the food and process industry or for applications where hygiene is an important factor.

Description

CMS Class 'O' Class O acoustic foam composite comprising fire resistant foam (see data sheet 1001) with a lightweight vinyl coated glass cloth.

Physical Information

The SVG1 facing is laminated onto one side of the CMS Class O acoustic foam material, and is silver grey (optional black) in colour.

Weight	190 g/m ²
Base fabric	Fibreglass (encapsulated)
Operating temperatures	80°C (max. continuous) 110°C (intermittent) -6°C (minimum)

Technical Information

CMS Class O acoustic foam with SVG1 facing conforms to the following specifications:

Fire Tests

BS 4735:1991	Self extinguishing
FMVSS 302	Self extinguishing
BS 476: Part 7: 1987	Class 1
EPI Radiator	M4

As a facing for the CMS Class O acoustic foam, the composite will not significantly alter the technical and performance characteristics as stated in datasheet 1001 for the Class O acoustic foam. There will only be a slight loss in acoustic performance at frequencies above 3000 Hz which is inevitable where a tough facing is applied.

Installation Service

In addition to supply of this product CMS Acoustic Solutions offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly. For further details contact our technical team on 01925 577711.

SVG1 Facing - Chemical Resistance Rating

Chemical	Rating
Organic Acids:	
Acetic	E
Lactic	E
Oxalic	E
Stearic	E
Tannic	E
Inorganic Acids:	
Chromic (up to 50%)	G
Fluoric	E
Hydrochloric (up to 40%)	E
Hydrogen Peroxide	E
Nitric (up to 50%)	G
Phosphoric	E
Sulphuric (up to 50%)	G
Miscellaneous:	
Animal Fats	E
Bleaches	E
Diesel Fuel	G
Paint Remover	G
Petrol	G
Weed Killers	E
White Spirit	G
Alkalis:	
Ammonia	E
Ammonium Hydroxide	E
Sodium Hydroxide (Caustic soda)	E
Aliphatic Hydrocarbons:	
Paraffin	G
Hydraulic Oil	G
Ketones:	
Acetone	G
Methyl Ethyl Ketone	F
Alcohols:	
Ethyl	E
Methyl	E
Aromatic Hydrocarbons:	
Naptha	G
Toluene	F
Furpentine	G
Halogenated Hydrocarbons:	
Carbon Tetrachloride	G
Chloroform	G
Trichloroethylene	G

Key:

E = Excellent G = Good F = Fair

The above ratings apply to chemicals at normal room temperature and non-abrasive conditions.

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.

Email: info@cmsdanskin.co.uk Website: www.cmsdanskin.co.uk
 Scotland Office: 1 Netherton Road Wishaw ML2 0EQ
 Central Office: Unit 4 Eagle Park Eagle Park Drive Warrington WA2 8JA
 Southern Office: Unit 8 Harding Way St Ives Cambridge PE27 3WR

t: 01698 356000 f: 01698 372222
 t: 01925 577711 f: 01925 577733
 t: 01480 463750 f: 01480 495180