

TECHNICAL DATA SHEET

Vertiface

PRODUCT DESCRIPTION

Non-woven and/or thermally bonded and laminated 100% polyester fibre panel products.

APPLICATION

Acoustic fabric wall covering, wall or ceiling panel or tile and/or component in furniture manufacture.

PHYSICAL DATA

Melting Point: **230°C**

Recommended Maximum Service Temp (of the product): **160°C**

NOTE: The service temperature of the installation adhesive used may significantly reduce this value

Specific Gravity (Polyester): **1.38**

MOISTURE ABSORPTION

- The structural integrity of Vertiface panels is not affected by moisture.
- Care should be taken when selecting the installation adhesive to ensure it is suitable for the anticipated and actual environmental conditions.
- Exposure of polyester fibres to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight.

HEALTH & SAFETY

The components of Vertiface are not classified as hazardous to human health or the environment. As such there is no requirement to provide a Safety Data Sheet under Globally Harmonised System (GHS) classification systems.

Installation adhesive: Refer to the manufacturers product labelling and/or Safety Data Sheet.



TRANSPORT, STORAGE & HANDLING

- Top stow keeping clean and dry.
- Do not squash or bend product or packaging.
- Vertiface is a semi rigid product that can be easily damaged if not handled with care.
- Avoid bending the panels as this could create unsightly creases.
- Do not store or drop the panels on their corners or edges as this will cause damage.
- The work area should be clean and free of dust and other contaminants that could spoil the panels.
- Clean cloth gloves are ideal when handling the panels to avoid possible soiling.

ENVIRONMENTAL

- Vertiface products are recyclable and use a high content of recycled polyester fibre in their manufacture.
- Vertiface products are thermally bonded (i.e. by heat) and do not contain formaldehyde based binders.
- Vertiface polyester products are non-carcinogenic - fibres are unlikely to become a potential airborne pollutant.

WASTE DISPOSAL

Vertiface and its plastic packaging can be recycled through manufacturer collection for re-use schemes.

Where these are not available national / local regulations should be considered.

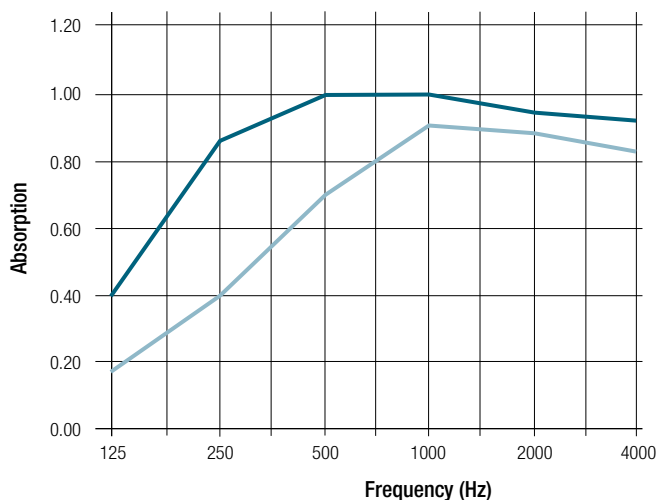
European Waste Codes (EWC)

Plastic: 15 01 02 Plastic Packaging

Vertiface: 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

Adhesives: Refer to manufacturer guidance included in their Safety Data Sheet / Technical information

PERFORMANCE (by calculation)



Hz	125	250	500	1000	2000	4000	NRC
250	0.18	0.40	0.70	0.90	0.89	0.84	0.72
500	0.40	0.85	1.00	1.00	0.95	0.92	0.95

These predictions of performance are based upon information supplied or available to CMS Danskin Acoustics. The calculations used to determine the stated performance levels have been devised by the use of accepted mathematical equations used in the science of predicting the acoustic performance of building elements, products and enclosed spaces. Every effort has been taken to ensure the stated performance figures are accurate but these and are provided in good faith and issued without warranty. Users should rely solely on their own professional judgement and skill in determining the appropriateness of using this data in their specific application. CMS Danskin Acoustics recommends the use of a qualified acoustic consultant or engineer for consent purposes or if more detailed information is required.

STANDARD RANGE OF STOCK COLOURS

Bespoke colours are also available. Please contact us for details.



Please note:

The above colours should be used as a guide only. We will supply a detailed colour swatch or product samples on request.

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