

POWERCLAD® Sound Barrier Acoustic Sheeting and Insulated Sheeting



PRODUCT DATA

Revision 5.5

powerclad.com

POWERCLAD® Sound Barrier is a flame retardant reinforced insulation and acoustic sheeting system for temporary applications, providing an effective system for controlling and conditioning the working environment in both hot and cold climates. Featuring a special sound absorbing foam, it provides both thermal insulation and sound absorption and helps minimise noise emissions in sensitive environments such as construction sites adjacent to commercial or residential areas.

POWERCLAD® Insulated Sheeting incorporates air cells that provide thermal insulation for improved working environments and where controlled atmospheres are necessary, in both hot and cold climates.

PRODUCT	Flame retardant	Colour	Weight EN 695 gsm	Tensile strength BS 7955 N/50mm	Eyelets strength BS 7955 Newtons	Conforms to	Acoustic performance EN ISO 717-1 dB	Thermal transmission U value NEN 1068 W/m²K	Thermal resistance U value NEN 1068 m²K/W	Temperature range °C	Light transmissino %	Aerodynamic coefficient Cf	Sizes metres	Roll weight kg
FLAME RETARDANT GRADES														
Powerclad FR Sound Barrier	 DIN 4102 B1	Grey	1600	MD 1900 XD 1700	900	BS 7955	16*	1.66	0.60	-30 to +70	<10	1.0	2.0 x 1.2 2.0 x 3.5 2.2 x 10	3.9 11.2 35.2
Powerclad FR Insulated Sheeting	 BS 476 Part 12C	Ivory	370	MD 700 XD 700	900	BS 7955	8	3.7	0.10	-40 to +70	~60	1.0	2.2 x 20 2.7 x 20	16.2 19.9
NON-FLAME RETARDANT GRADE														
Powerclad Insulated Sheeting	NA	Clear	345	MD 700 XD 700	900	BS 7955	8	3.7	0.10	-40 to +70	~70	1.0	2.2 x 20 2.7 x 20	15.1 18.6

*Note: acoustic performance for Sound Barrier sheeting system when installed (2.0 x 3.5m and 2.2 x 10m); 14dB for Sound Barrier temporary fencing panels when installed (2.0 x 1.2m)

Fastening ties: Powerties Elasticated Toggle Ties
BS 7955 Pass break strength 500 N (28cm reach)

Other Powerclad products: Scaffold Sheeting •
Filter & Vented Sheeting • Keder Sheeting

Powerclad® is a registered trademark of Industrial Textiles & Plastics Ltd. E&OE.

© Industrial Textiles & Plastics Ltd



Industrial Textiles & Plastics Ltd
Stillington Road, Easingwold, York YO61 3FA
United Kingdom

Telephone: +44 (0)1347 825200
Email: info@powerclad.com
Website: www.powerclad.com



Certificate Number 2318

powerclad.com

DISCLAIMER OF EXPRESS AND IMPLIED WARRANTIES

Subject to the limitations, disclaimers and statements as set forth below, Industrial Textiles & Plastics Ltd represents to the Buyer that the product or products delivered to the Buyer conform(s) to the manufacturer's description and specifications attached to or delivered with the product.

The representation that Industrial Textiles & Plastics Ltd makes to the Buyer that the product or products conform(s) to the manufacturer's description and specifications applies only under such circumstances when the Buyer utilises the product or products as specified and under normal use for which said product was intended.

Any alleged nonconformity shall be made in writing to Industrial Textiles & Plastics Ltd specifically stating and describing any such alleged nonconformity.

The representation by Industrial Textiles & Plastics Ltd that the product or products delivered to the Buyer conform(s) to the manufacturer's description and specification as attached to or delivered with the product is expressly in lieu of all other representations, warranties, expressed or implied, and of all other obligations and liabilities, including consequential damages, on the part of Industrial Textiles & Plastics Ltd. Industrial Textiles & Plastics Ltd neither assumes nor authorises any person to assume for it any other liability in connection with the sale of the product.

The representation of conformity by Industrial Textiles & Plastics Ltd as represented by Industrial Textiles & Plastics Ltd shall in addition to the above be null and void in the event that the product is misused or handled in a negligent manner by Buyer or any third party.

Industrial Textiles & Plastics Ltd shall not be liable for damages or delays, if such occur, on account of defective material or workmanship or delays in shipment, nor will any allowances be granted for any repairs, alterations, work done or expense incurred in connection with any repairs, alterations or replacements except on specific written authority by Industrial Textiles & Plastics Ltd.

Industrial Textiles & Plastics Ltd shall in no way be liable or responsible for injuries or damages to persons or property arising out of the use or operation of the product as herein contemplated, and Buyer hereby agrees to indemnify and save harmless Industrial Textiles & Plastics Ltd from all such liability and responsibility.

Industrial Textiles & Plastics Ltd shall not be liable for any consequential damages for any reason including but not limited to those contemplated herein and whether such consequential damages may have been foreseeable, proximately caused or otherwise occurring.

Due to a policy of continued research and development, Industrial Textiles & Plastics Ltd reserves the right to alter specifications without notice. Products are offered subject to our normal Conditions of Sale, which are available on request.

Samples and specifications are of an illustrative nature and supplied free of charge. They do not form part of any contract or any intended contract with the user. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user and the user must assume all risk and liability in connection therewith.

This disclaimer of Express or Implied Warranties constitutes a significant limitation on the rights and remedies otherwise available to the Buyer, which the Buyer freely and voluntarily acknowledges and accepts as part of the consideration for the contract to purchase the product or products from Industrial Textiles & Plastics Ltd.

Test Results are obtained under laboratory conditions on new material and not under actual usage conditions. Test results only relate to the sample tested. No warranties or assurances of reliability, suitability or fitness for a particular purpose of specimens or data are offered. Assessment of suitability of such material and data for intended use is the sole responsibility of the customer.