

ITP is an established manufacturer and supplier of technical textiles, coated & un-coated special fabrics and films with a reputation for technical innovation. Manufactured to stringent Quality Assurance procedures, products are tested to relevant British, European and American Standards. ITP is particularly known for its expertise in flame retardant materials. Application driven products are designed, developed and produced for a number of markets including building & civil engineering, roofing, packaging & converting, agriculture and horticulture.



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Powerclad scaffold sheeting

Temporary containment and weather protection

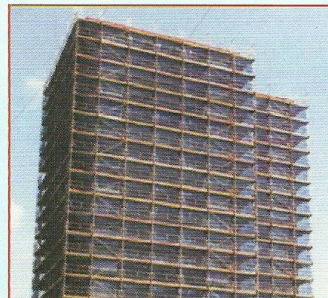
Powerclad is a range of versatile and cost-effective sheeting and netting products for temporary containment and weather protection applications.

Versatile systems

- Waterproof sheeting, vented sheeting or netting options.
- Suitable for both outdoor and indoor installations.
- Designed for both modular and tube-and-fitting scaffold systems.
- Installed horizontally or vertically.
- Flame Retardant versions also available.



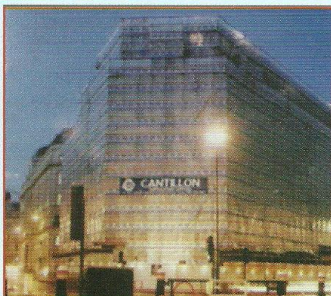
Powerclad SDFR flame retardant sheeting



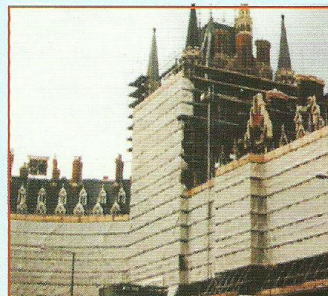
Powerclad PM premium sheeting

Cost effective solutions

- Effective containment of debris and waste.
- Improves heat retention and reduces wind chill factor.
- Improves health & safety of the working environment.
- Controlled environment both inside and outside the contained area.



Powerclad VS vented sheeting



Powerclad DN debris netting





Typical applications

- Asbestos removal
- Inside curtains & screens
- Atmospheric control
- Shelters
- Containment
- Shot-blasting & stone cleaning
- Environmental control
- Temporary roofing & awnings
- Industrial painting
- Weather protection

Powerclad[®]

Reinforced scaffold
sheeting for:
Containment and
weather protection

Product selector

Waterproof sheeting			
Powerclad EC	Powerclad PM	Powerclad SDFR	Powerclad IS
Economy Printed option available	Premium Printed option available	Flame Retardant Printed option available	Insulated sheeting Printed option available
			

Vented sheeting		Debris Netting	
Powerclad VS	Powerclad VSFR	Powerclad DN	Powerclad DNFR
Standard	Flame Retardant	Standard	Flame Retardant
			

Note: Only elastic Powerties may be used for installing powerclad VS or VSFR



The Health & Safety Executive's HSG 168 - Fire safety in construction work recommends that scaffold sheeting complies with LPS 1215. Furthermore LPS 1215 materials are increasingly becoming an

insurance cover requirement. A material is described as flame retardant when it self-extinguishes once the heat source is removed. There is a wide range of American, British and European flame retardant test methods against which materials pass or fail depending upon their self-extinguishing performance. Most of these tests are small-scale tests which inevitably have their limitations since small samples are not representative of large full-sized installations where flame

characteristics may differ. For this reason, the LPS 1215 method of test was developed to replicate a typical full-size installation. Flame retardant systems are particularly recommended for safety-critical installations such as shipyards, petrochemical installations, industrial painting, asbestos removal, maintenance works and inhabited buildings. Whenever installed inside any building, a flame retardant grade to LPS 1207 should always be specified.



Powerclad temporary roof



Further references

BS 476 Part 12 - Method of test for ignitability of products by direct flame impingement.
BS 5867-2: 1980 - Specification for curtains and drapes. Flammability requirements.
BS 5973:1993 - Access and working scaffolds and special structures in steel.
BS 6399 - Loading for buildings. Code of practice for wind loads.
BS 7955:1999 - Containment nets and sheets on construction works - Specification for performance and test methods.
BS 8093: 1991 - Code of Practice for the use of safety nets, containment nets and sheets on constructional works.
DIN 4102 - Fire behaviour of building products and parts of buildings.
HSG 150 - Health & safety in construction.
HSG 168 - Fire safety in construction work.
LPS 1207 - Fire Requirements for Protective Covering Materials, LPCB.
LPS 1215 - Flammability requirements for scaffold cladding materials, LPCB.
NASC Guide for Scaffolding Designers - Wind forces on unsheeted and sheeted scaffolding, National Association of Scaffolding Contractors.

Other ITP Products

Powerlene	Coated fabrics and reinforced membranes
Powerlon	Roofing membranes
Powermex	Woven and knitted special fabrics
Powertarp	Tarpaulins

Other ITP Publications

Design information, installation instructions, technical data www.powerclad.com
Chemical compatibility data, COSHH Health & Safety data, ITP Conditions of Sale www.indtex.co.uk

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