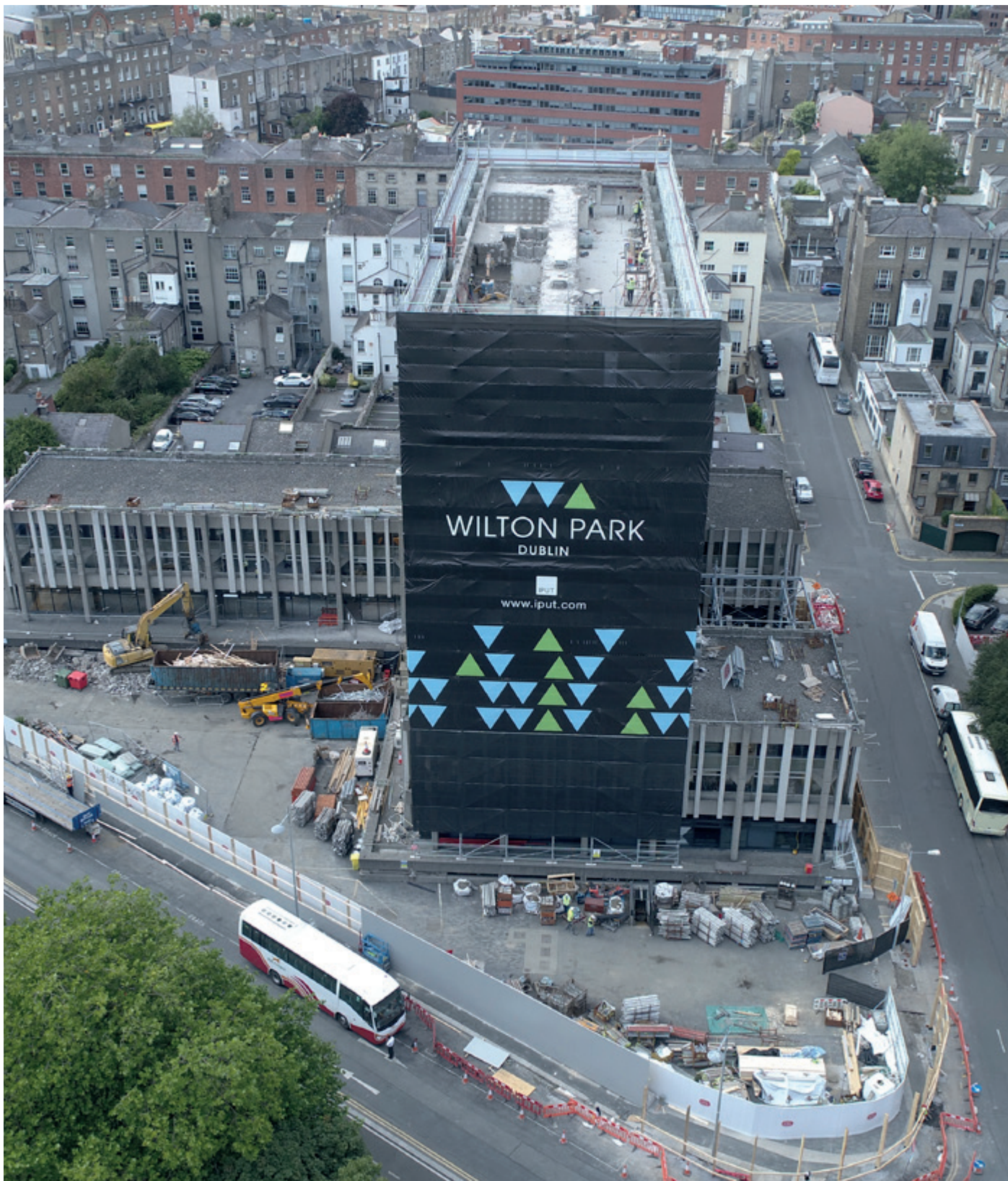




**POWERCLAD®**  
SCAFFOLD & CONTAINMENT SHEETING





Certificate Number 2318

## Powerclad Solutions from ITP

ITP's Powerclad range provides strong, versatile and secure solutions for a wide range of applications, from scaffolding to perimeter fencing and large-format display material. Utilising more than 30 years' experience in developing specialist protective materials, ITP can supply a wide range of options, including bespoke printed sheeting, acoustic barriers and fire-retardant grades which are third-party certified to meet compliance requirements which apply to larger construction projects.

ITP's advanced manufacturing and printing facilities enable us to maintain total quality control, apply full batch traceability and provide fast turnaround from order. Powerclad has become the go-to solution for industry professionals seeking secure and durable containment and protection for their location.

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## POWERCLAD Scaffold Sheetting

Powerclad scaffold sheeting provides a temporary containment and weather protection enclosure which minimises environmental impact and weather-induced delays to a project. The system enhances site safety by preventing debris or small objects from falling and reducing the risk of people falling from scaffold platforms. Powerclad scaffold sheeting is a high-performance solution which improves the working area by reducing wind-chill factor, aiding heat retention and containing dust and pollutants.





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# Scaffold Sheetting: Flame Retardant Solutions



Flame Retardant Grades of scaffold sheeting are particularly recommended for safety-critical installations such as occupied buildings, shipyards, petrochemical and offshore installations. Projects which are valued over £2.5m or form part of a larger project valued over £20m require scaffold sheeting with third party-approved flame retardancy certification to comply with the Joint Code of Practice (JCC) on the Protection from Fire of Construction Sites and Buildings Undergoing Renovation. ITP recommend certification as a Health & Safety measure for all construction sites, but it's especially important for projects which are subject to the JCC as failure to do so carries the additional risk of insurance ceasing or being withdrawn.

Certification for external use is not the same as certification for internal use. They are subject to different testing regimes and external certification should never be accepted as evidence of compliance for internal scaffolding. ITP supply printed and non-printed sheeting in Fire Retardant grades which are independently certified for fire safety by an authorised testing body, meeting full compliance for external and internal use.

## TECHNICAL SPECIFICATION

- Reinforced polyolefin sheeting
- Strong reinforcement bands with eyelets every 10 cm
- FR grades have third party approval to the highest standards (TS 62 for external and TS 63 for internal applications) for both printed and non-printed sheeting.
- Flame retardant grades: TS 62 and TS 63 certified and Euroclass B-s1,d0 EN 13501-1; BS 476 Part 12C
- ISO 9001 and full batch traceability

POWERCLAD	Weight	BS 7955 Compliant	Sizes (metres)
FR Premium	240 gsm	✓	2.0 x 45, 2.2 x 40, 2.7 x 20, 3.0 x 45, 4.0 x 45
FR Standard	170 gsm	✓	2.0 x 45, 2.2 x 40, 3.0 x 45, 3.2 x 36, 4.0 x 36
Standard XL	180 gsm	N/A	4.0 x 45
Standard	170 gsm	N/A	2.0 x 45, 2.2 x 40, 3.0 x 45, 2.7 x 20
Lite	150 gsm	N/A	2.0 x 45







## POWERCLAD Vented Sheetting

Powerclad vented sheeting is a strong, air permeable solution which is suitable for all scaffold systems and temporary perimeter fencing. It is particularly suitable for locations which are exposed to high winds as their excessive force can cause the collapse of a scaffold structure if the sheeting is not air permeable.

### TECHNICAL SPECIFICATION

- Strong sheeting with high air permeability
- Suitable for scaffolding systems and temporary fencing
- Flame retardant grade to BS 476 Part 12C compliant to BS 7955

POWERCLAD	Weight	BS 7955 Compliant	Sizes (metres)
FR Vented	100 gsm	✓	2.0 x 45
Vented	100 gsm	✓	2.0 x 45





Flexographic printing

Our vented sheeting can be supplied for temporary fence covers with logos and artwork printed flexographically or digitally (see page 14 for further details)



Digital printing

## POWERCLAD Debris Netting



Powerclad Debris Netting is manufactured from a polyethylene knitted fabric. Suitable for both tube fitting and modular scaffold systems, the netting improves site safety by reducing the risk of debris and small tools from falling outside of the scaffold. Its high air permeability also makes it suitable to negate the force of high winds in exposed locations.

POWERCLAD	Colour	Sizes (metres)
FR Debris Netting	white, blue, green, red and black and other colours on request	2.0 x 50, 3.0 x 50
		3.2 x 50
Debris Netting	Green, Blue, Red, Yellow, Orange, Pink, Black, White	2.0 x 50
		3.0 x 50



### TECHNICAL SPECIFICATION

- Suitable for all tube & fitting and modular scaffold systems
- Knitted netting for temporary containment
- Flame retardants grade to Certifire TS 62, BS 476 Part 12C any colour and B-s1,d0 EN 13501-1
- Unique markings with certificate number on each roll



**FLAME RETARDANT**  
CERTIFIRE APPROVED TS 62





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## Keder & Temporary Roof Sheeting



Powerclad Keder and temporary roof sheeting is manufactured from full-width woven reinforcement fabric to provide stronger sheeting product than those with welded seam joints.

Suitable for both roof and side keder systems, the sheeting is available in heavy-duty premium grades for exposed locations/ long-term installations and Flame Retardant grades which are independently certified to TS 62 by Exova Warrington, meeting full compliance for external use for both printed and non-printed keder sheeting.

### KEDER SHEETING TECHNICAL SPECIFICATION

- Full-width woven reinforcement fabric for extra strength
- Made to customer's specific sizes to accommodate any bay width and keder diameter
- Compliant to BS 7955
- Heavy duty grade for exposed locations and long-term installations

### TEMPORARY ROOF SHEETING TECHNICAL SPECIFICATION

- Sheeting with strong reinforcement strips for most temporary roof systems
- Flame retardant to EN 13501-1, Class B-s1,d0
- Compliant to BS 7955
- Good light transmission



POWERCLAD	Weight	Flame retardant	Width sizes (metres)
KDR 200	580 gsm	EN 13501-1 B-s3, d0	2.0, 2.07, 2.5, 2.57, 3.0, 3.07 *
KDR 1100	300 gsm	TS62 EN 13501-1 B-s1, d0	2.0, 2.07, 2.5, 2.50, 2.57, 3.0, 3.07 *
KDR 1000	300 gsm	NA	2.0, 2.07, 2.5, 2.50, 2.57, 3.0, 3.07 *

\* other sizes on request

POWERCLAD	Weight	Strength	Size (metres)
TRS FR 700	320 gsm	700 N/50mm	3.3 x 40



**FLAME RETARDANT**  
**CERTIFIRE APPROVED TS 62**  
 CONFORMS TO BS 476 Part 12C



## POWERCLAD Filter Sheeting

Powerclad filter Sheeting is a highly effective weather protection and containment system which is particularly recommended for exposed locations with a high risk of wind acceleration. Flame retardant to British standards, the product provides a closely woven air permeable mesh to contain debris and dust, dry out interior works, and to disperse paint solvents and air pressure during stone cleaning or shot-blasting.

### TECHNICAL SPECIFICATION

- Suitable for all tube & fitting and modular scaffold systems
- Closely woven air permeable mesh  
Particularly suitable for exposed locations with high winds
- Compliant to BS 7955
- Flame retardant to BS 476 Part 12C

POWERCLAD	Weight	Strength	Size (metres)
FR Filter Sheeting	140 gsm	1000 N/50mm	3.12 x 50







## POWERCLAD Insulated Sheeting

Ideal for temporary weather protection and containment, Powerclad Insulated Sheeting is a reinforced polyolefin sheeting system that incorporates air cells to provide thermal insulation for improved working environments and where controlled atmospheres are necessary, in both hot and cold climates.

### TECHNICAL SPECIFICATION

- Suitable for both tube & fitting and modular scaffold systems
- Incorporates air cells to provide thermal insulation
- Excellent light transmission
- Compliant to BS 7955
- Flame retardant grade to BS 476 Part 12C
- Excellent low-temperature characteristics



POWERCLAD	Weight	BS 7955 Compliant	Sizes (metres)
FR Insulated Sheeting	370 gsm	✓	2.2 x 20 2.7 x 20
Insulated Sheeting	345 gsm	✓	2.2 x 20 2.7 x 20





## POWERCLAD Sound Barrier

Ideal for noise-sensitive construction sites, Powerclad Sound Barrier acoustic sheeting for scaffolding and fencing offers a high-performance solution to minimise noise pollution. The advanced acoustic barrier material reduces the impact of sound and improves the work environment. With a sound reduction of up to 16dB, the system outperforms other products in like-for-like independent testing.

- Reinforced PVC with an acoustic foam insulate inner layer
- Waterproof outer layer for weather protection
- Flame retardant to DIN 4102, B1 and BS 476 part 12C
- Layered construction provides excellent heat retention
- Independently tested for acoustic performance to BS EN ISO 717-1
- Sound reduction of up to 16dB
- Lightweight for easy installation

POWERCLAD	Weight	BS 7955 Compliant	Sizes (metres)
FR Sound Barrier	1600 gsm	✓	2.0 x 1.2, 2.0 x 3.5, 2.2 x 10





## POWERCLAD PVC banners

ITP supply large and small printed banners for scaffolding systems and temporary fencing. Our advanced printing facilities enable high visual impact and aesthetic appeal.

### TECHNICAL SPECIFICATION

- Dip coated PVC mesh and coated reinforced PVC
- Flame retardant to DIN 4102 B

POWERCLAD	Weight	BS 7955 Compliant	Size
Premium PVC Mesh	300 gsm	✓	To order
PVC Banner	510 gsm	✓	To order

## POWERCLAD Air Mesh

Ideal for a wide variety of site enclosures and event applications, ITP's custom-printed panels provide bespoke branding, graphics and artwork for temporary perimeter fencing and crowd barriers.

### TECHNICAL SPECIFICATION

- Closely woven air permeable mesh
- Flame retardant grade to DIN 4102 B1

POWERCLAD	Weight	Size
Air Mesh FR	110 gsm	1.78x3.375m other sizes to order
Air Mesh	110 gsm	1.78x3.375m other sizes to order





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## Flexo Graphic Printing

### Custom Printed Sheeting & Perimeter Fence Covers

Make your brand bigger, promote your message and enhance your marketing with printed site solutions from ITP. Our advanced printing facilities enable custom printing on scaffold sheeting, building wraps and perimeter fence banners.

We can print digitally or flexographically to suit your specific needs. We can supply printed solutions which are fire retardancy certified to TS 62 (external use) and TS 63 (internal use), enabling full compliance with relevant site regulations. The possibilities are endless.

### Flexographic printing

ITP's flexographic printing is ideal for repeat logos, providing fast and cost-effective branding.

- Suitable for one or two colour logos
- In-house printing and design
- Free mockups
- Print area up to 1070mm x 730mm
- Minimum order 30 rolls (+/-10%)



POWERPRINT	COLOURS	MINIMUM ORDER	PRINT AREA	SUITABLE MATERIALS
<b>FlexoPrint - repeat logos</b>	Standard	30 rolls	Max width 1070mm Max height 730mm Repeats 1270mm	<ul style="list-style-type: none"> <li>■ Scaffold Sheeting</li> <li>■ Vented Sheeting</li> <li>■ PVC Banner</li> <li>■ Air Mesh</li> <li>■ Keder Sheeting</li> </ul> <b>POWERCLAD</b> Flame Retardant Scaffold Sheeting is Warringtonfire Certifire Certification/Exova approved for printed sheeting
<b>DigiPrint - large logos</b>	Full colour	No minimum	Length unlimited Max width = roll width	
<b>DigiPrint - large graphics &amp; building wraps</b>	Full colour	No minimum	Unlimited	





## Digital Printing

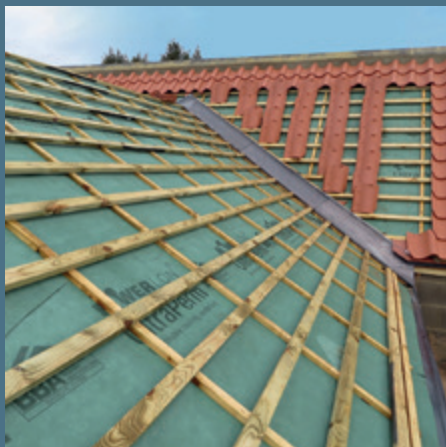
Our digital printing facilities allow you to go big, bold and ambitious with your graphics and artwork. This format is ideal for extra-large logos, high-impact visuals and intricate detail. We can turn an image taken on a smartphone into a full-scale façade reproduction.

- Ideal for larger scale projects
- Full colour
- Wide format on sheeting, pvc and mesh banners
- Unlimited print area
- Facades reproduced to actual size or larger
- No minimum order





# Other building products from ITP



## POWERLON

### Roof & building membranes

- Roofing underlays
- Wall & House wrap membranes
- Air & vapour control layers
- Façade and thermo-reflective membranes



## FLAMEOUT

### Flame retardant and limited combustible membranes

- Breather membranes
- Vapour control layers
- Façade membranes and house wraps
- Roofing underlays
- Euroclass A2 and Euroclass B options



## POWERBASE

### Gas & hydrocarbon barriers

- Radon gas barriers
- Methane & CO2 gas barriers
- Hydrocarbon & VOC barrier membranes
- Tanking membranes



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