

Elite Hygienic Wall Linings

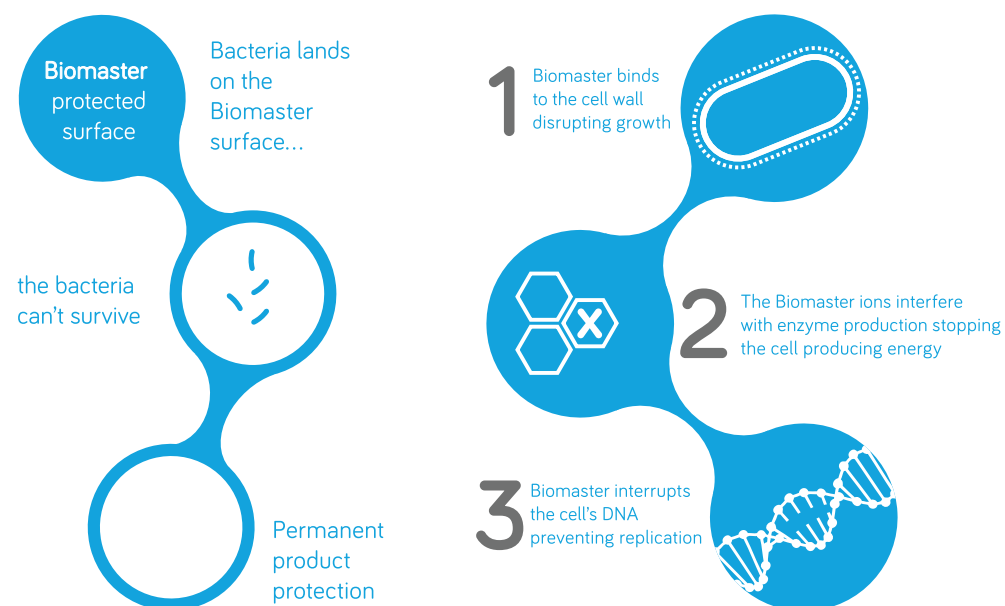
Elite Komadur – Hygienic Rigid PVC Wall cladding system using solid, Extruded uPVC in a range of thicknesses, sizes, finishes and colours. Complete with a full range of accessories and adhesives to create the perfect solution to meet all UK, EU and global hygiene, fire and building regulations. Elite Komadur offers a cost effective, versatile hygienic wall covering for a wide variety of environments.

Global Fire Certification:

BS476 Part 6 Class 0 when adhered to a non-combustible substrate, BS476 part 7 class 1. EN13501-1 B, s3, d0, Harmonized technical specification EN15102, DIN 4102 – B1, NFP 92-501/M 1 (F), UL94 (USA) File E100599, Fire characteristics (CH) 5.2, CSE-RF2/75 A (I) EG/VO 1935/2004 Class 1.



How our Antimicrobial sheet works:



Elite Komadur PVC Sheets

Technical data

Properties		Unit	Values
Mechanical properties			
Apparent density*	DIN 53479/ISO 1183	g/cm ³	- 1,43
Tensile stress at yield (tensile strength)	DIN 53455/ISO 527	MPa	≥ 55
Elongation at tear	DIN 53455/ISO 527	%	≥ 15
Flexural strength	DIN 53452/ISO 178	MPa	≥ 80
Compressive strength	DIN 53454/ISO 3605	MPa	≥ 70
Modulus of elasticity	DIN 53457/ISO 527-2/1A/50	MPa	≥ 3000
Notched impact strength	DIN 53453/ISO 179-1ePA	KJ/m ²	≥ 4
Impact strength	DIN 53453/ISO 179	KJ/m ²	
	0 °C		no failure
	-20 °C		-
	-30 °C		-
	-40 °C		-
Ball indentation hardness (358 N/30 s)	DIN 53456/ISO 2039	MPa	- 100
Shore hardness	D DIN 53505		82

Thermal properties

Vicat softening temperature	DIN 53460/ISO 306 (process B50)	°C	≥ 75
Deflection temperature	DIN 53461/ISO 75	°C	- 68
Coefficient of linear thermal expansion from -30 °C to +50 °C	(process Ae) DIN 53752	mm/mK	0,08
Thermal conductivity from 0 °C to +60 °C	DIN 52612	W/mK	0,16

Electrical properties

Dielectric constant Er (at 1 kHz)	VDE 0303 T4	-	3,4
Dielectric dissipation factor tan δ (at 1 kHz)	VDE 0303 T4	-	0,016
Surface resistance	DIN VDE 0303 T30/ DIN IEC 93	Ω	10 ¹⁵
Volume resistivity	DIN VDE 0303 T30/ DIN IEC 93	Ω • m	10 ¹⁴
Dielectric strength	DIN VDE 0303 T21 1 mm sheet	KV/mm	≥ 23
Tracking resistance	DIN IEC 112	Grade	CTI 600
Arc resistance	DIN VDE 0303 T5	Ident. No.	2.2.2.2

Other properties

Water absorption after 7 days	DIN 53495	%	< 0,08
Fire behaviour	DIN 4102- B 1	-	1-3 mm
	UL 94 (USA) File E100599	-	≥ 1 mm
	BS476 Part 7 BS476 Part 6	Class 1 Class 0**	

*These are standard values which apply to an average density.
**When adhered to a non-combustible substrate

Worldwide Distribution
We can help put the right package together for your project
We supply our products worldwide



Beiplas

Helix Business Park
New Bridge Road
Ellesmere Port
CH65 4LR

T: 0800 413 758
E: sales@beiplas.com

www.beiplas.com

ELITE COLOUR PALETTE
Hygienic Wall Cladding Systems

www.beiplas.com

Beiplas
THE HYGIENIC WALL & CEILING COMPANY

Beiplas

THE HYGIENIC WALL & CEILING COMPANY



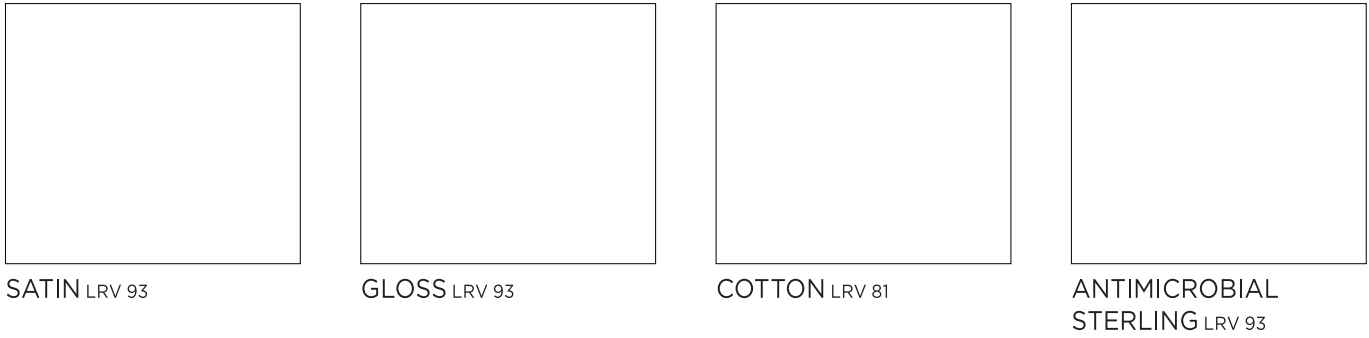
Hygienic Wall Cladding Systems



ELITE COLOUR PALETTE

Beplas Quick Guide

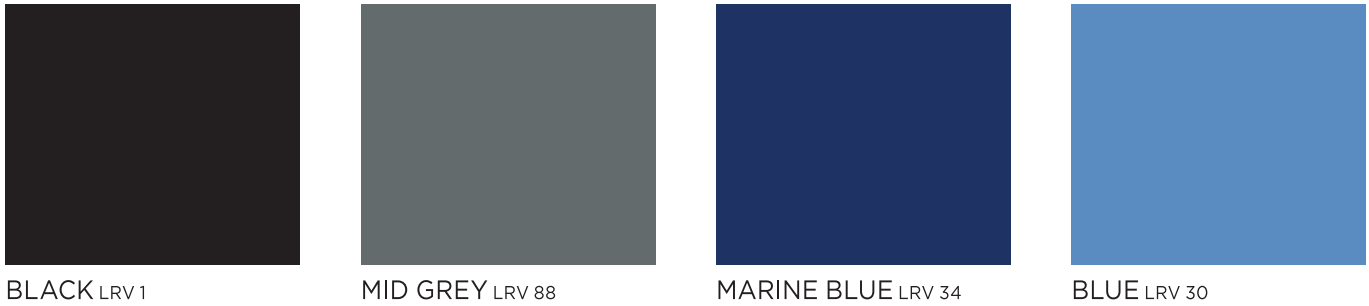
WHITE RANGE



QUINTESSENTIAL PASTEL RANGE (Satin Finish)



QUINTESSENTIAL SHINE RANGE (Satin Finish)



WALL PROTECTION ELITE FRP RANGE



High Impact Fibre Reinforced Sheet. Available in Fire Rated Class 0 and Standard grade

ELITE ENDURANCE RANGE



Scratch resistant Embossed PVC available in Black, Goose Grey, Mid Grey, Blue, Teal and White

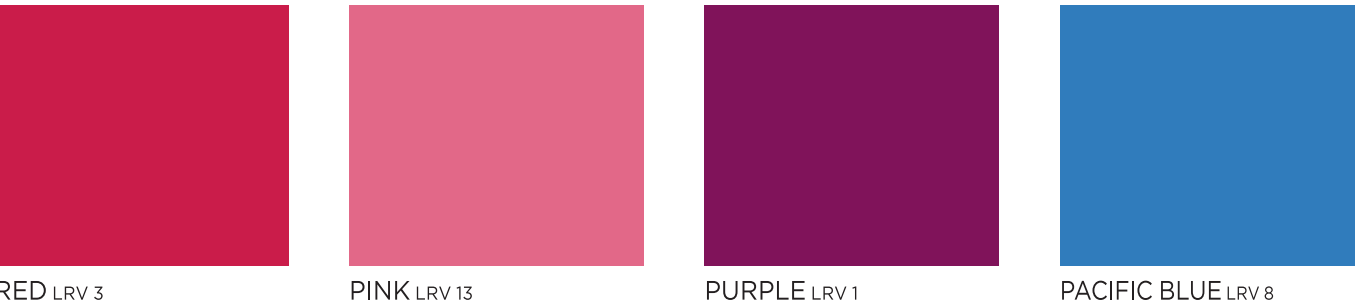
Stock Sizes :
Thickness
2.5mm

Length x Width
3050 x 1220mm

SHINE RANGE (Gloss Finish)



SHINE RANGE (Satin Finish)



PASTEL RANGE (Satin Finish)



Other thicknesses, finishes, colours and sheet sizes are available upon request, subject to MOQ and lead times.

Hygienic Wall Linings

Elite Komadur Panels	PVC Cladding
Elite Sterling PVC Panels	Antimicrobial Cladding
Elite FRP Panels	Durable, Safe, Hygienic
Elite Komacel CE-K Panels	Fast Fix System
Elite Multiplank	Demountable partitioning
Elite Premier 250	Fast Fix / Economical
Composite Panels	

Hygienic Ceiling Linings

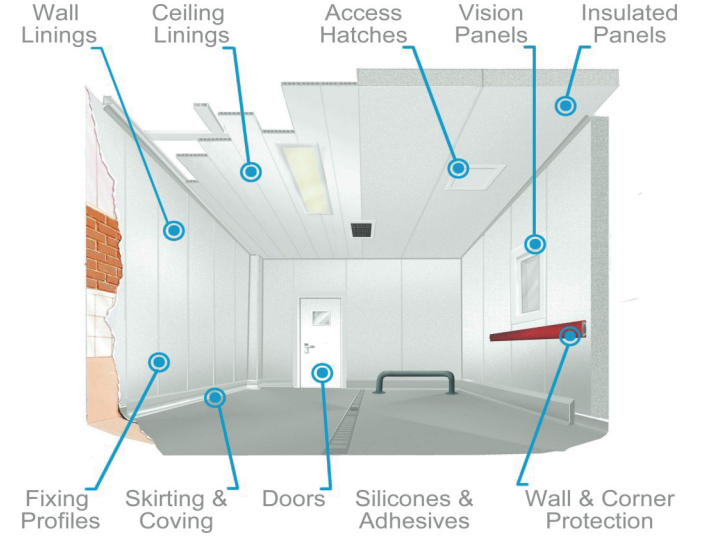
Premier T&G	Fast Fix
Elite FRP Tiles	Durable, Safe, Hygienic
Insulated Panels and Suspension Systems	

Hygienic Skirting and Coving

Elite PVC Skirting and Ancillaries	
Elite PVC Coving and Ancillaries	

Hygienic Wall Protection Products

Elite Bump & Scuff Rails	Flexible/Rigid
Elite KS200 PVC Kerb	Hygienic / High Impact Resistance



Panel Fixing Systems

Silicones and Adhesives	
Multi-Bead Adhesive Applicator	
Drive Rivets	
PVC Fixing Profiles/Extrusions	

PVC Thermoformers	For PVC Sheets
Vision Panels	For Insulated Panels
Doors	Personnel and Cold Room
Access Hatches	For Insulated Panels

