



Newfield School - Altro Whiterock™

As an Altro premier installer we have used Altro Whiterock for a number of years and have always been extremely impressed with the quality of the product and how easy it is to install. The installation at Newfield School went very smoothly and gave a fresh clean look to the kitchen and canteen areas

David Heath from MI Contracts

The photograph shows Altro Whiterock wall cladding combined with Altro Stronghold™ 30 safety flooring - the perfect combination for optimum safety and hygiene.

Altro Whiterock™ wall cladding – because hygiene matters

Today's hygiene regulations demand that surfaces must be smooth and easy to clean, and that walls are durable, impervious and impact resistant. The traditional approach has been to work with ceramic tiles. Unfortunately, this can be problematic in addressing modern hygiene and durability issues.

The problem with ceramics

In busy locations like kitchens, knocks to walls from trolleys, pots and pans etc are commonplace. Glazed ceramic tiles are vulnerable to damage, being easily chipped or cracked. This surface damage means that contaminated water can penetrate the tile leading to unsightly stains and bacterial growth.

According to the Ceramic Tile Federation, 65% of all tile installations are fixed incorrectly, leading to serious problems, in kitchens and showers especially. For these areas, tile manufacturers and food regulations specify the use of water-resistant adhesives and epoxy grouts. However, it is difficult to be sure that these have been used until, of course, it is too late and the damage has been done.

The solution is sheet wall cladding

Tests show that Altro Whiterock is 100% watertight, unlike tiled surfaces.

The advent of PVCu sheet wall cladding provides a decorative and practical alternative to ceramic tiles. Being impervious, the product can be used practically anywhere. Showers and kitchens in particular benefit from the watertight, wipe clean surface that the system provides. Unlike a tiled surface there is no grout involved, so dirt and bacteria have nowhere to hide. Also, water can't seep through to the substrate behind – a problem that can cause major structural damage to any building.

It is good for your business to invest in a long-term solution with low maintenance, less cleaning and fewer repairs.

Ensure you know what to consider when specifying or purchasing hygienic wall cladding

Master the essentials by reading our new white paper - Factors affecting performance of hygienic wall cladding

The performance of wall cladding is not decided by a single product feature alone. It is the combination of a range of important factors encompassing product design, manufacture, installation and lifecycle.

Inspired by research carried out for Altro by renowned microbiologist, Peter Askew, this new white paper interprets the results of wall cladding product testing and research and development. It outlines the key factors determining levels of performance, with particular reference to hygiene. Important commercial considerations during the specification and purchasing of wall cladding products are also reviewed in the light of imperatives such as sustainability.

The white paper focuses on the following for consideration when specifying or purchasing:

Performance factors

- Integrity of cladding material
- Bacteria protection
- Adhesion integrity
- Integrity of the product at potential points of stress/weakness
- Quality of installation
- Maintenance/cleaning regimes
- Fire protection

Additional commercial considerations

- Sustainability
- Warranties and support
- Design capabilities
- Speed and ease of installation

Read the white paper online:
www.altro.com/wallwhitepaper

If you have any queries, please don't hesitate to get in touch on 01462 707600.

Test results

Proving Altro Whiterock's strong points

Altro Whiterock has many strengths. Test results prove conclusively the quality of the product and its suitability for areas where hygiene is paramount.

1. Hygiene

Impervious, easy-clean system

Altro Whiterock, when installed correctly, is a fully bonded system with edges, abutments and jointing systems effectively sealed. It remains airtight and watertight, and as nothing gets in behind, there's no contamination to worry about. Tests carried out by the Food Hygiene Department of CCFRA Technology (see table below) demonstrate that Altro Whiterock is impervious to water and compliant with the European Directive on the Hygiene of Foodstuffs. Standard grout used with tiles could absorb grease, oil and bacteria, leading to unsightly discoloration. This demands an aggressive cleaning regime with an acidic agent, or risk growth of fungi and bacteria.

Altro Whiterock requires regular cleaning with warm water and standard kitchen cleaning agents. Altro Whiterock internal and external angles are thermoformed on site as work proceeds, providing a smooth, uninterrupted, easily cleaned surface at these traditionally vulnerable areas; thereby avoiding the need for unsightly corner trims which are potential dirt traps and difficult to clean. Thermoformed corners and angles are much more hygienic than grouted joints associated with tiles. An additional benefit over ceramic tiles is that Altro Whiterock contains Altrosan, a biocide to help inhibit or prevent bacterial growth. Altro Whiterock products meet standards of critical points in risk assessments such as HACCP* which are required in demanding hygienic environments.

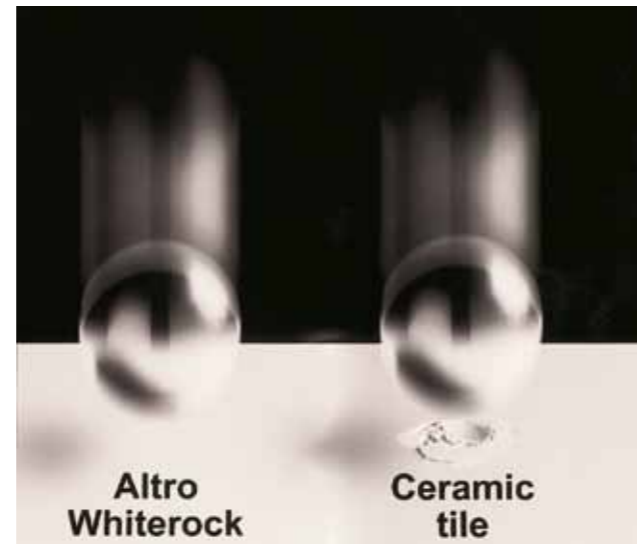
* Hazard Analysis and Critical Control Points

Volume of water absorbed (ml)	
Altro Whiterock	0ml
Ceramic tile with standard grout	11.4ml Average absorption over the 10 samples This is equivalent to 6.57 l/m ²

2. Durability

Withstands everyday knocks

An Altro Whiterock wall cladding system has an extremely high impact resistance according to BS EN438-2-1991 Drop Ball Test. Impacts that would leave ceramic faces vulnerable to water ingress barely leave a scratch on this tough surface. The same is true for the cladding's thermoformed corners – an area where ceramic tiles are particularly vulnerable. Altro Whiterock also has an excellent Fire Rating: Class 1 and Class 0, BS 476; Parts 6 and 7. Altro Whiterock White, Altro Whiterock Satins and Altro Whiterock Illusions have been assessed to EN13501-1 and obtain a Euro-classification of B-s3-d0.



Durability test results (Drop Ball Test)	Impact damage	Visual effect
Altro Whiterock	From 3.5 m no damage	Scale Rating 5, no visible staining at the point of impact or elsewhere
Ceramic tile	From 50 mm glaze fracture damage	Scale Rating 2, marked change of colour, with penetration of stain into tile.

Scratch test results	Scratch damage	Point damage	Scratch & point damage
Altro Whiterock	Not visible	Not visible	Not visible
Water ingress	0.12 g/m ² /24 hrs	0.14 g/m ² /24 hrs	0.12 g/m ² /24 hrs
Ceramic tiles	Visible	Visible	Visible
Water ingress	81.4 g/m ² /24 hrs	97.0 g/m ² /24 hrs	90.3 g/m ² /24 hrs

3. Appearance

Smooth, scratch-resistant surface

Altro Whiterock has a continuous smooth, tough and durable surface, with good chemical resistance. It wipes clean in an instant, retaining its hygienic, stain free appearance.

The closed cell finish ensures an impermeable surface, making Altro Whiterock the perfect choice where water is present. When used in combination with an impervious flooring product like Altro safety flooring, a watertight 'tanked' system can be achieved.

Unwanted materials and micro-organisms can cause unsightly staining and create a breeding ground for harmful bacteria. This is often difficult to eliminate and will severely compromise standards of hygiene on most surfaces. Altro Whiterock gives you the peace of mind you are looking for in kitchen areas.

To examine the water resistance of both Altro Whiterock and ceramic tiles, independent tests were carried out where samples of both were subjected to five hairline scratches, five point impacts with a dropped small kitchen knife and a combination of three scratches and two point impacts. Water was then applied to the front face and ingress measured after 24 hours. No damage was visible on Altro Whiterock after this treatment.

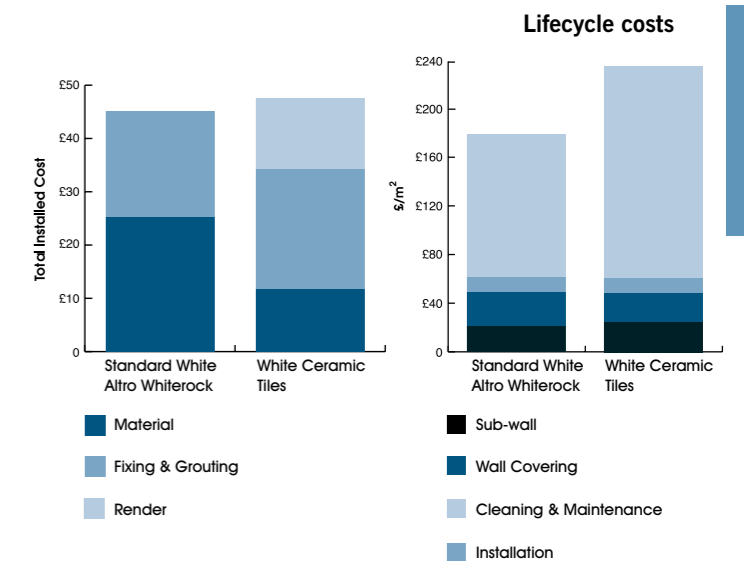
4. Life cycle costs

Savings all round

Not only does Altro Whiterock offer excellent durability, it represents good value for money too. It is quick to install – the system being bonded to most dry sound existing substrates. No 'wet trades' are required and there's none of the dust, mess and noise that result from the removal of some existing substrates such as old tiles.

Expert installation teams will thermoform the Altro Whiterock internal and external corners on site, setting out the sheets in the most cost effective and aesthetically pleasing manner, accommodating any structural movement joints in the building within the jointing system. This rapid installation brings savings in downtime and materials.

There is a 20% lower lifetime cost as well (over 25 years as you'll see below). You won't find any of the maintenance problems that grouted systems produce – like staining or individual tile failure. And because there are fewer problems, there is less need to spend time and money inspecting surfaces.



The superior solution for interior surfaces

So what makes Altro Whiterock the sensible choice?

There are many reasons.

Designed for Hygiene

Altro Whiterock, when installed correctly, is a fully sealed system, so there should be no voids between the Altro Whiterock and the substrate to harbour vermin, and there are no grouted joints where bacterial or fungal growth can occur. It is fully bonded to the substrate with polyurethane adhesive or, where the substrate is suitable, a water based acrylic adhesive. Altro Whiterock meets EU and British guidelines for wall finishes in areas where food preparation or processing take place. It offers a smooth, impervious system that is easy to clean and requires no special maintenance regime, other than frequent regular cleaning with warm water and standard cleaning agents.

A proven, quality system from floor to ceiling

Altro Whiterock comprises the finest materials, which are consistent in grade and shade across each sheet, batch, joint and trim. The cladding is produced in an attractive finish and an extensive range of colours to suit the required environment and mood.

Superior performance

Unlike other manufacturers, Altro can supply a complete system of walls, ceilings, doors and safety flooring designed to provide a completely sealed environment from floor to ceiling, to enable you to comply fully with legislation and to reduce risk to your staff, customers and business. You will also be investing in a long-term, low maintenance solution and every year you will enjoy savings on repairs and cleaning.

In order to comply with the ever increasing regulations on safety and hygiene, Altro Whiterock is the sensible choice – offering superior performance in wet areas such as showers and wherever food is being produced, prepared, served or sold.



1. Thermoformed corners that are smooth and easy to clean, with no crevices that harbour bacteria
2. Watertight system, achieved by lapping Altro Whiterock 50mm over coved skirting and sealing bottom edge



For the highest level of hygiene Altro Whiterock can be fitted using welded joints



Sealed hygienic environments: through the use of Altro Whiterock FlexiJoint, 2-part jointing system or transition strips



Altro Whiterock can be easily cut and sealed around fixtures and fittings

Wall cladding to suit every need

High gloss ceramic tiles and floors can cause reflection and glare which can be a problem, particularly for the visually impaired. All white surfaces can make it difficult for those with partial sight to orientate themselves. Use of colour and contrast to distinguish floors, walls, doors and fittings, makes environments easier to use for all customers. Altro Whiterock comes in a wide range of colours and finishes to achieve the right design solution and compliance with disability legislation.

Recowall



Recowall™ is the new Altro Whiterock collection and recycling scheme launched in April 2010 with VEKA UK. Clean off-cuts of Altro Whiterock are collected free from dedicated collection sites around the UK and sent to be recycled into other PVC products, reducing waste sent to landfill.

For further information, see page 10.

Proven systems, installed by experts



Our network of Premier Installers will deliver a rapid, expert fitting service that's backed by up to 20 years' product warranty and meets all EU Directives on health and hygiene. Protect everybody's interests with Altro.

Up to 20-year life expectancy



Altro PVCu wall claddings and safety flooring have proven their value time and time again in a wide range of environments. Such is the company's confidence in these products that Altro Whiterock comes with a 20-year product warranty on most ranges. Under its intended conditions for use and, providing it is maintained according to specification, you can confidently expect Altro Whiterock to perform for at least this long to your complete satisfaction.

Fit for all these reasons:

A complete hygienic system

- Fully bonded
- Totally sealed
- Easy to clean
- Tested and proven

With the Altro Assurance of

- Consistent quality
- Expert installation
- Full technical support
- Long life expectancy



Test results

		ALTRO WHITEROCK CHAMELEON™	ALTRO WHITEROCK SPLASHBACKS™	ALTRO WHITEROCK STONE™	ALTRO WHITEROCK SATINS™	ALTRO WHITEROCK ILLUSIONS™	ALTRO WHITEROCK™ SHEET - WHITE	ALTRO WHITEROCK QUICKCLAD™	ALTRO WHITEROCK CEILINGS	ALTRO WHITEROCK DOORSETS
WARRANTY		20	20	20	20	20	20	20	10	10
LIFE EXPECTANCY		25	25	25	25	25	25	25	25	25
SURFACE		High Gloss	* dependent on product	Satin	Satin	Satin	Satin	Satin	Satin	* dependent on face product
THICKNESS		2.5mm	2.5mm	2.5mm	2.5mm	2.5mm	2.5mm	10mm	9mm	51mm
WEIGHT		3.5kg/m ²	* dependent on product	3.5kg/m ²	3.5kg/m ²	3.5kg/m ²	3.5kg/m ²	6.0kg/m ²	5.28kg/m ² *	*
DENSITY	ISO 1183	1.38-1.42	1.38-1.42	1.39	1.39	1.39	1.39	0.47 -0.65	1.5	*
IMPACT RESISTANCE	Charpy ISO 179	Good	Good	Good	Good	Good	Good	Good	Moderate	Excellent
HYGIENE		High	High	High	High	High	High	High	High	High
EASE OF CLEANING		Easy	Easy	Easy	Easy	Easy	Easy	Easy	Easy	Easy
CHEMICAL RESISTANCE		High	High	High	High	High	High	High	High	High
FIRE TESTS	BS476 pt 7	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	*
	BS476 pt 6	Class 0	Class 0	Class 0	Class 0	Class 0	Class 0	Class 0	Class 0*	*
	EN13501	C s3 d0	* dependent on product		B s3 d0	B s3 d0	B s3 d0		*	*
MAX SERVICE TEMPERATURE		60°C	60°C	60°C	60°C	60°C	60°C	60°C	60°C	60°C
WATER ABSORPTION	ISO 62	0.09	0.09	0.09	0.09	0.09	0.09	4.9	*	*
SHORE HARDNESS	ISO 868	85	* dependent on product	79	79	79	79	66-70	*	*

* Contact Altro for further information



Trinity College, Cambridge

Altro Whiterock™ wall cladding combined with Altro Stronghold™ 30 safety flooring - the perfect solution for safety and hygiene.



samples@altro.com



With vibrant solid colours or more natural tones in a high gloss finish, Altro Whiterock Chameleon makes a bold and confident design statement wherever it is installed. Its broad palette lets you create a variety of effects to suit the mood of the application, using it either as a primary focus or as an accent to an existing wall.

Altro Whiterock Chameleon is suitable for feature walls in shops and bars, as well as areas where you want to enjoy the performance benefits of Altro Whiterock. It is highly durable and provides a water-tight, wipe clean, smooth surface.

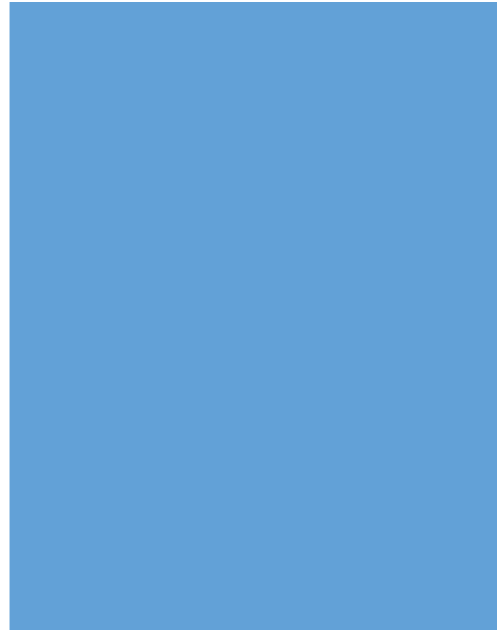


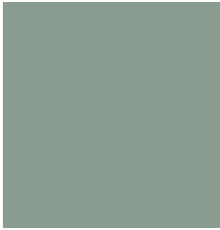
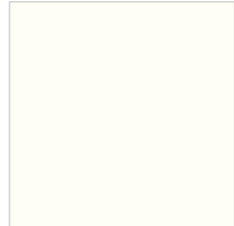

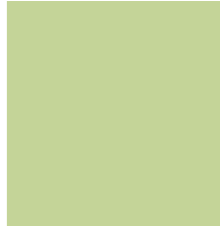





Using our latest technology, Altro Whiterock Welded Joint, (see page 155) you will achieve an even smoother, flatter profile.

Typical applications:

- reception/foyers
- cafes/bars
- shops
- display areas
- serveries
- spa/showers/toilets
- changing rooms

Please see product selector on page 138 for full details.

Dimensions:	W160: 2500 x 1220mm	Format: Sheet	Thickness: 2.5mm
	W161: 3000 x 1220mm		

			
	Slip Stream 6611 LRV 36	Liquorice 6612 LRV 5	Distant Thunder 6634 LRV 18
			
			
Feng Shui 6617 LRV 9	Moulin Rouge 6618 LRV 12	Juicy Lucy 6620 LRV 20	Shocking Pink 6616 LRV 15

Accessories

To order matching sealants and trims simply select from the list below and add the colour reference number, under the swatch above:

Altro Whiterock Weldrod - WSR ____ Colour co-ordinated sealant - A805/____

To order white sealant, simply quote A802.
For jointing/transition edging strips, see page 155.

Matching doorsets

Doorsets are available in any Altro Whiterock Chameleon colour. See pages 160-161.

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

Codes: LRV = Light Reflectance Value

EXPERIENCE HAS SHOWN THAT PRINTING CANNOT REPRODUCE COLOURS ACCURATELY. IF COLOUR CHOICE IS CRITICAL, PLEASE REQUEST A SAMPLE OF THE MATERIAL



This range of designs, tonally printed onto Altro Whiterock Chameleon, provides a striking etched glass effect, ideal for feature walls. It enables you to create a tone on tone, gloss/matt finish for use as in areas where design impact is desired.

Available in a choice of 10 contemporary, geometric, abstract and classic designs printed onto the 12 Altro Whiterock Chameleon colours, it gives you a selection of 120 high design options.

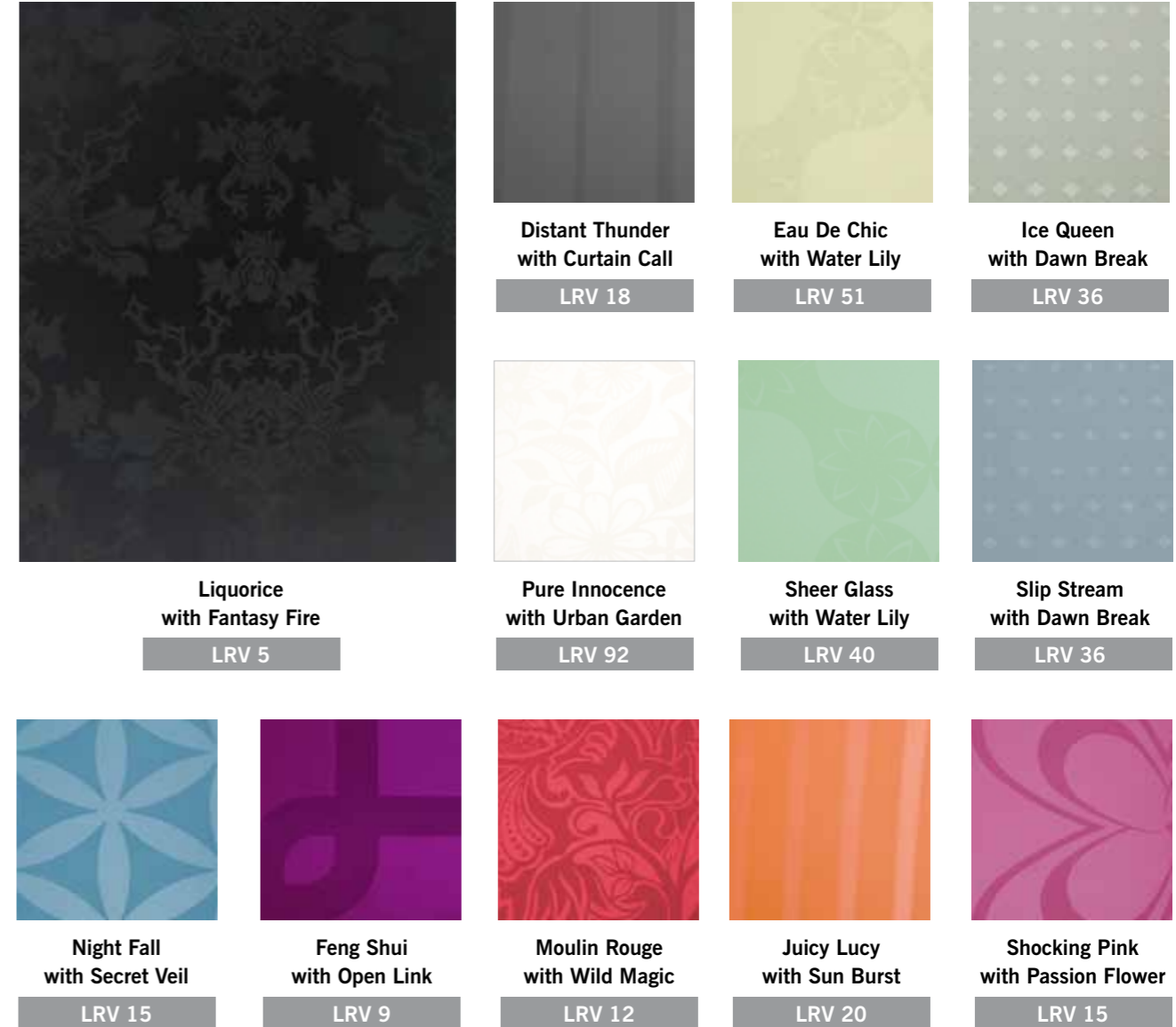
Use our Altro Whiterock Chameleon Art customiser at www.altro.com to create a style that's as unique as you are.

Typical applications:

- foyers
- cafes/bars
- shops
- display areas
- receptions
- showrooms
- meeting rooms

Please see product selector on page 138 for full details.

Dimensions:	2480 x 1200mm 2980 x 1200mm	Format: Sheet	Thickness: 2.5mm
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Important: as Altro Whiterock Chameleon Art is a patterned product, the LRV will vary depending on where the reading is taken on the product.

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Altro provide a digitally printed design facility giving you the option of bespoke design on your surfaces. This is achieved by reproducing a photographic image over a whole wall. Using Altro Whiterock as its medium, the hard-coat technology of Altro Whiterock Digiclad has scratch resistant properties for added surface protection.

This makes it ideal for use in the retail, leisure and transport industries where durability is particularly important. So whether you're trying to achieve an impactful look or you want to display your corporate identity in a creative way, Altro Whiterock Digiclad can deliver consistent, photographic quality.

Typical applications:

- foyers
- exhibitions
- cafes/bars
- shops
- display areas
- receptions
- showrooms
- meeting rooms

Order in 6 easy steps



Please see product selector on page 138 for full details.

Dimensions: 2500 x 1220mm 3000 x 1220mm	Format: Sheet	Thickness: 2.5mm
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Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

Altro Whiterock Splashbacks™



samples@altro.com



Altro Whiterock Satins™

Standard White 01 LRV 89	Ice 44 LRV 80	Seafoam 43 LRV 81	Citron 56 LRV 80	Malva 57 LRV 68	Pebble 200 LRV 24
Vista 202 LRV 48	Flint 201 LRV 32	Forest 204 LRV 22	Mint 203 LRV 62	Oyster 32 LRV 70	Cesco 53 LRV 71
		Fawn 206 LRV 41	Sienna 205 LRV 22	Linen 41 LRV 83	Bantam 55 LRV 72

Altro Whiterock Splashbacks are a clever alternative to high maintenance and unhygienic tiles. They have all the physical properties of Altro Whiterock and come in kits for ease of installation. With bespoke sizes, suiting the standard dimensions of most hand wash basins and vanity units, all projects can benefit from their grout-free hygiene.

Altro Whiterock Splashbacks also permit compliance with the Disability Discrimination Act. Call 01502 580 580 for more details.

Altro Whiterock Splashbacks are available in a vast range of colours, offering you great flexibility to co-ordinate with your surroundings. Each colour option can be complemented by colour match sealants. Simply choose your background from

either the Altro Whiterock Satins or Altro Whiterock Chameleon range and order in a size to suit your requirements.

Typical applications:

- bathrooms
- hydrotherapy
- spas
- changing rooms



Please see product selector on page 138 for full details.

Dimensions: Cut size only, in mm		Format: Sheet		Thickness: 2.5mm	
Standard sizes:					
Ref SB10/.....	500 x 305	Ref SB4/.....	1250 x 305	Ref SB3/.....	1250 x 610
Ref SB8/.....	625 x 305	Ref SB5/.....	833 x 610	Ref SB12/.....	1220 x 833
Ref SB6/.....	833 x 305	Ref SB14/.....	1220 x 500	Ref SB11/.....	1250 x 1220
Ref SB9/.....	500 x 610	Ref SB13/.....	1220 x 625	Ref SB1/.....	2500 x 610
Ref SB7/.....	625 x 610	Ref SB2/.....	2500 x 305		

..... = insert the required colour code ending from the selection on the right

Altro Whiterock Chameleon™

Pure Innocence 6601 LRV 92	Liquorice 6612 LRV 5	Distant Thunder 6634 LRV 18	Slip Stream 6611 LRV 36	Night Fall 6622 LRV 15	Sheer Glass 6609 LRV 40
Juicy Lucy 6620 LRV 20	Moulin Rouge 6618 LRV 12	Shocking Pink 6616 LRV 15	Feng Shui 6617 LRV 9	Ice Queen 6629 LRV 36	Eau De Chic 6605 LRV 51

For an unobtrusive appearance, colour co-ordinated weldrods and sealants are available (see page 141)

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

Codes: LRV = Light Reflectance Value

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samples@altro.com



Altro Whiterock Illusions is a patterned extruded sheet providing a cost-effective decorative panel. Four pattern finishes combined with four coloured sheets provide 16 subtle shades to choose from.

A range of matching trims is available to provide a watertight seal.

Typical applications:

- cafes/bars
- kitchens/food preparation
- shops/supermarkets
- medical facilities
- bathrooms/wet areas
- meeting rooms
- reception areas/foyers

				
	White Cloud 66 LRV 69	Ice Cloud 62 LRV 59	White Leaf 73 LRV 84	
Matching Joint Strip				
	Seafoam Cloud 64 LRV 61	Linen Cloud 63 LRV 61	Ice Leaf 69 LRV 75	
				
White Marble 80 LRV 81	Ice Marble 76 LRV 75	Seafoam Marble 78 LRV 74	Linen Marble 77 LRV 73	Seafoam Leaf 71 LRV 77
				
White Granite 87 LRV 79	Ice Granite 83 LRV 73	Seafoam Granite 85 LRV 72	Linen Granite 84 LRV 75	Linen Leaf 70 LRV 80

Please see product selector on page 138 for full details.

Dimensions:	W140: 2500 x 1220mm	Format: Sheet	Thickness: 2.5mm
	W141: 3000 x 1220mm		

Sealants are available in the base colours of Linen, Ice, Seafoam and White. Call 01462 707 600 for more information and to order.

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

Codes: LRV = Light Reflectance Value

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Classic Marble
113
LRV 53



Polished Marble
111
LRV 60



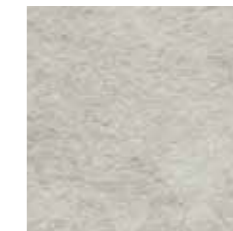
Antique Marble
110
LRV 73



Limestone
112
LRV 53



Quartz
114
LRV 60



Slate
115
LRV 42

Altro Whiterock Stone combines hygiene with the look of natural stone. For areas where aesthetics and functionality are of equal importance, Altro Whiterock Stone provides the perfect finish.

A range of matching trims is available to provide a watertight seal.

Other colours are available to special order, please enquire for details.

Typical applications:

- cafes/bars
- kitchens/food preparation
- shops/supermarkets
- medical facilities
- bathrooms/wet areas
- meeting rooms
- reception areas/foyers

Please see product selector on page 138 for full details.

Dimensions:	W180: 2500 x 1220mm	Format: Sheet	Thickness: 2.5mm
	W181: 3000 x 1220mm		

For an unobtrusive appearance, colour co-ordinated weldrods and sealants are available (see page 141)

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

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Altro Whiterock Satins™



samples@altro.com



Standard White 01 LRV 89	Pebble 200 LRV 24	Cesco 53 LRV 71	Ice 44 LRV 80
Seafoam 43 LRV 81	Citron 56 LRV 80	Malva 57 LRV 68	
Vista 202 LRV 48	Flint 201 LRV 32	Forest 204 LRV 22	Linen 41 LRV 83
	Sienna 205 LRV 22	Fawn 206 LRV 41	Mint 203 LRV 62
		Oyster 32 LRV 70	Bantam 55 LRV 72

Altro Whiterock Satins is a durable, grout-free, water-tight, smooth wall cladding system designed for building environments that are required to meet strict hygiene standards. The panels provide a stain resistant, wipe clean surface with no gaps or cracks for bacteria to hide in. It is extremely impact resistant and ideal for tough areas.

Reflecting the latest colour trends, the Altro Whiterock Satins range gives you a number of fresh options for an attractive single colour finish.

To round your job off perfectly, you can use extruded two part PVCu trims to complement the Altro Whiterock Satins range. Combined with Altro non-sparkle safety flooring, it achieves the required Light Reflectance Value difference needed for DDA requirements.

Typical applications:

- foyers/receptions
- corridors
- retail/supermarkets
- canteens/kitchens
- classrooms
- changing rooms/bathrooms
- healthcare



Please see product selector on page 138 for full details.

Dimensions:	W136: 2500 x 1220mm W137: 3000 x 1220mm	Format: Sheet	Thickness: 2.5mm
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For an unobtrusive appearance, colour co-ordinated weldrods and sealants are available (see page 141)

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

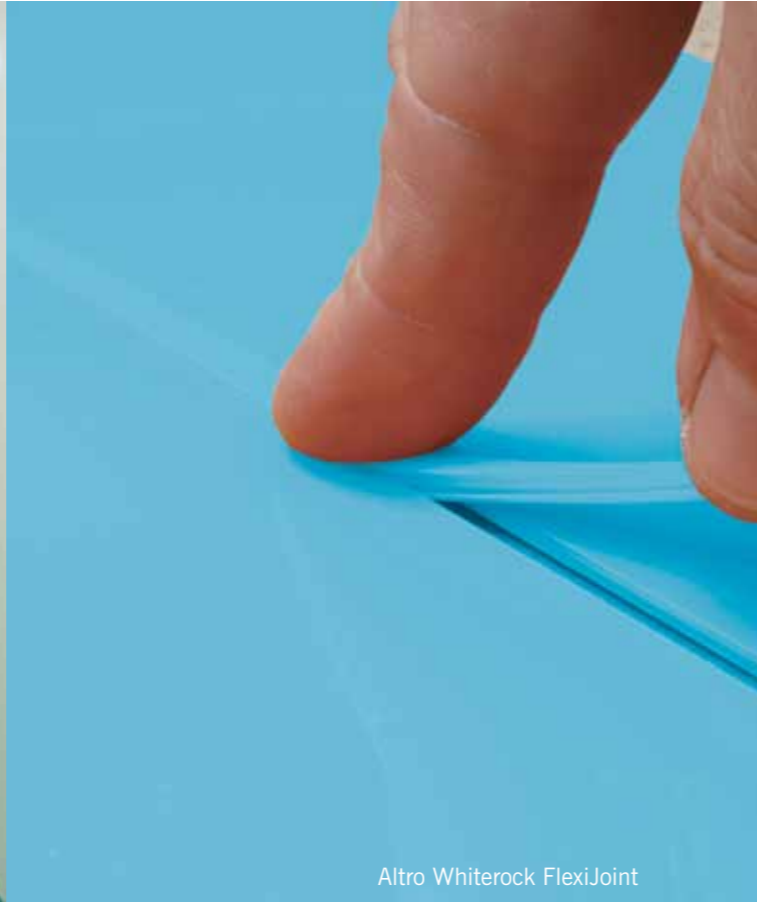
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samples@altro.com

154



Altro Whiterock FlexiJoint

155



Sealed Joint

Altro Whiterock

Altro Whiterock Extruded PVCu W103/W104 is a cost-effective sheet extruded from a high quality, food safe, PVCu polymer for operating temperatures up to 60°C. It is easy to clean, impact resistant and grout-free. It meets all current EU Directives on health and hygiene and offers a cost-effective choice.

BRE GLOBAL LISTED

UKAS PRODUCTS CERTIFICATION

ENP 420

Only BRE Global A rated internal wall finish ENP 420 – Element no 1009760002

For further details contact: www.greenbooklive.com

Altro Whiterock FlexiJoint

Altro Whiterock FlexiJoint is ideal when you need unobtrusive joints that are easy to apply. Slimmer and more flexible than ever before, it's suitable for any application where design, hygiene and quality of finish are equally important.

Welded Joint

Colour-matched PVC weldrod available, supplied by Altro, via our Altro Premier Installers.

Two-part Joint strip

Click-in jointing/transition edging strip for a narrower and flatter finish.



Available in two lengths: **A831/25/ 2.5m**
A831/30/ 3m

Jointing / Transition Edging Strip

To order, select length required and add colour reference number shown under swatches, eg A831/25/55 is a Altro Whiterock Satins Bantam two-part jointing strip.



Welded Joint

Please see product selector on page 138 for full details.

Dimensions:	W103: 2500 x 1220mm	Format: Sheet
	W104: 3000 x 1220mm	Thickness: 2.5mm
		LRV: 89

(Chart information applies to Altro Whiterock sheeting only)

A full range of two-part and single-part jointing, transition and edging strips is available, please refer to www.altro.com for details.

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

EXPERIENCE HAS SHOWN THAT PRINTING CANNOT REPRODUCE COLOURS ACCURATELY. IF COLOUR CHOICE IS CRITICAL, PLEASE REQUEST A SAMPLE OF THE MATERIAL

Wall Cladding Systems

Wall Cladding Systems



With Altro Whiterock Quickclad you can construct hygienic walls and partitions quickly, simply and cost effectively.

It's ideal for problem or damp areas where poor substrates or services don't allow cladding to be fixed direct to existing substrates. Altro's unique system means you can create wipe-clean walls or non-load bearing partitions without the need for substrate preparation. You just construct a simple metal stud framework and affix the panels. As a demountable system, it is particularly suitable for installation in Listed Buildings, as it is not installed directly onto the fabric of the building itself.

Future access to services is made simple by creating access hatches or removable panels (free of adhesive) at the construction stage. Ideal for food preparation and laboratory applications where a wipe-clean, hygienic surface is required.

Typical applications:

- food manufacture
- pharmaceutical
- damp walls
- listed buildings
- hygienic studding

Please see product selector on page 138 for full details.

Dimensions:	W171: 2500 x 1250mm	Format: Sheet	Thickness: 10mm
	W172: 3000 x 1250mm		



- Can be used over damp or uneven substrate
- Hides cables, pipes and services
- Tailored panelling for full and easy access

- Superior finish for corners
- Ideal for most areas where hygiene is a concern
- A fast track solution

Please contact Altro to request a demonstration of the Altro Whiterock Quickclad system.

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

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Altro Whiterock™ Hygienic Ceilings



samples@altro.com



Altro Whiterock Hygienic Ceilings meet rigorous hygiene requirements and are particularly suitable for food preparation and medical areas. They form an impervious, hygienic, virtually maintenance-free system which can be hosed down in situ and provide a bright, durable surface which helps reduce condensation. They can be installed as a fully suspended system.

- Easy clean, non-porous and non-absorbent
- Impervious, chemical resistant
- Lightweight
- Twin wall construction reduces condensation
- Flush fitting lighting, access hatches, air grilles and sprinklers can be fitted
- Available in white, with excellent colour fastness
- Fully compatible with Altro Whiterock wall cladding

- Rapid, easy installation on suspended grid system or direct fixed to suitable surfaces
- BS 476 Class 1 and Class 0 Fire Rating (when installed on non-combustible substrates)

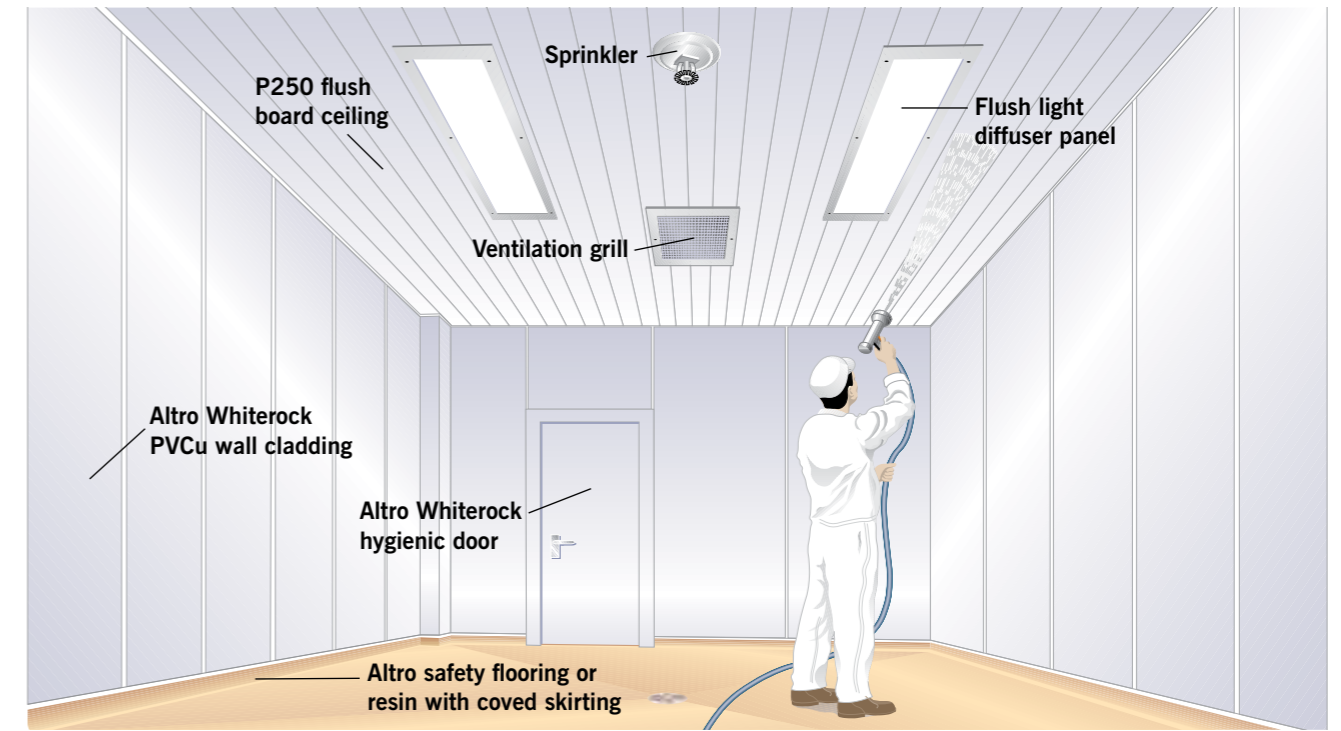
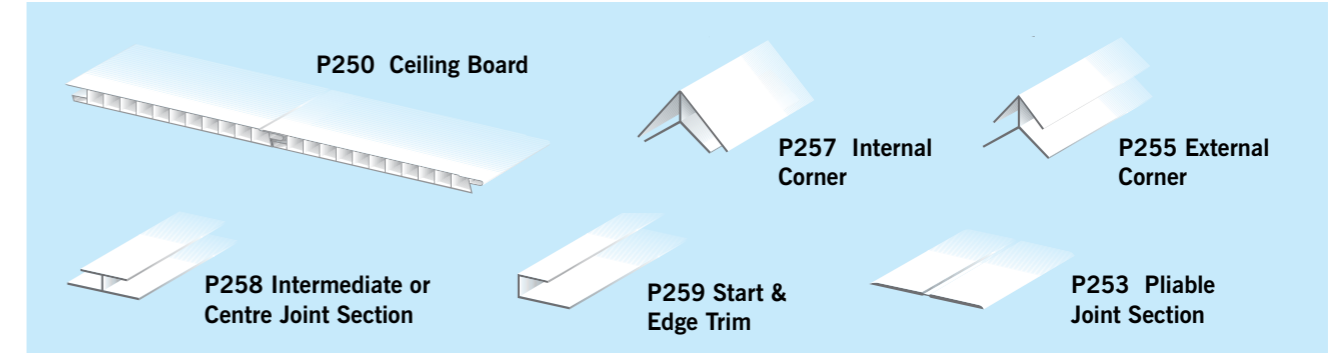
Typical applications:

- food processing/manufacture
- kitchens
- supermarkets/dairies
- breweries
- pharmaceutical/laboratories
- operating/sterile rooms
- bathrooms/hydrotherapy

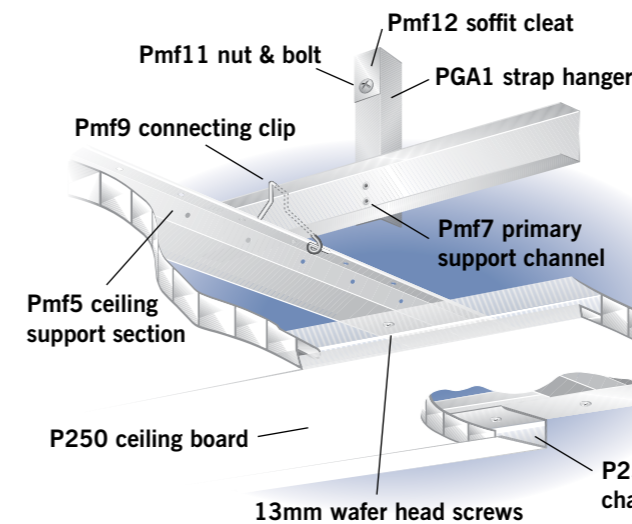
Please see product selector on page 138 for full details.

Dimensions:	P250/60: 6000 x 250 x 9mm	Format: Sheet
	P250/50: 5000 x 250 x 9mm	
	P250/40: 4000 x 250 x 9mm	
	P250/30: 3000 x 250 x 9mm	

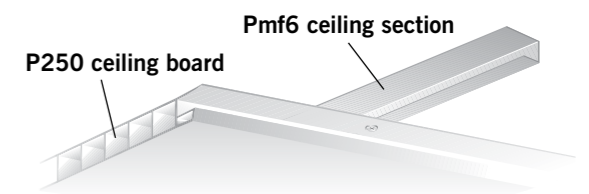
The ceiling system



Suspended ceiling detail



Direct fix ceiling detail



Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

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Altro Whiterock™ Hygienic Doorsets



When hygiene really matters - every detail counts. Altro Whiterock Hygienic Doorsets provide a complete PVCu-faced doorset to ensure the integrity of your hygienic, low maintenance installation. They can be designed for use on their own or as part of an Altro Walls complete system including walls and ceiling.

Typical applications:

- food manufacture/processing
- kitchens/serveries
- operating theatres/sterile rooms
- supermarkets/dairies
- pharmaceutical/laboratories
- hydrotherapy/showers



Coloured doorsets are available in any Altro Whiterock Chameleon (page 140) or Altro Whiterock Satins (pages 152-153) colours

Please see product selector on page 138 for full details.

- Bespoke service to meet different size and specification requirements
- Faced with 2.5mm EU grade Altro Whiterock PVCu to both sides and all edges
- Available in a range of colours to help meet DDA requirements
- Leading edges thermoformed for smooth round corner finish
- Hard-wearing, impact resistant, wipe clean finish
- Impervious surface helps prevent bacteria and dirt ingress
- Solid core doors, 51mm thick as standard. Altro Whiterock doorsets have been tested to BS 476 Part 22: 1987 Clause 7 and have been assessed to meet 30 and 60 minute fire resistance integrity and insulation
- Stainless steel hinges with Class 8 fire rating, PVCu encapsulated handles as standard
- Glazed vision panels, push plates, rubbing rails, kicker plates and ironmongery as required
- Matching PVCu frame linings and plastic stops made to measure for existing openings

Product information Tel: +44 1462 707 600 E-mail: enquiries@altro.com

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