

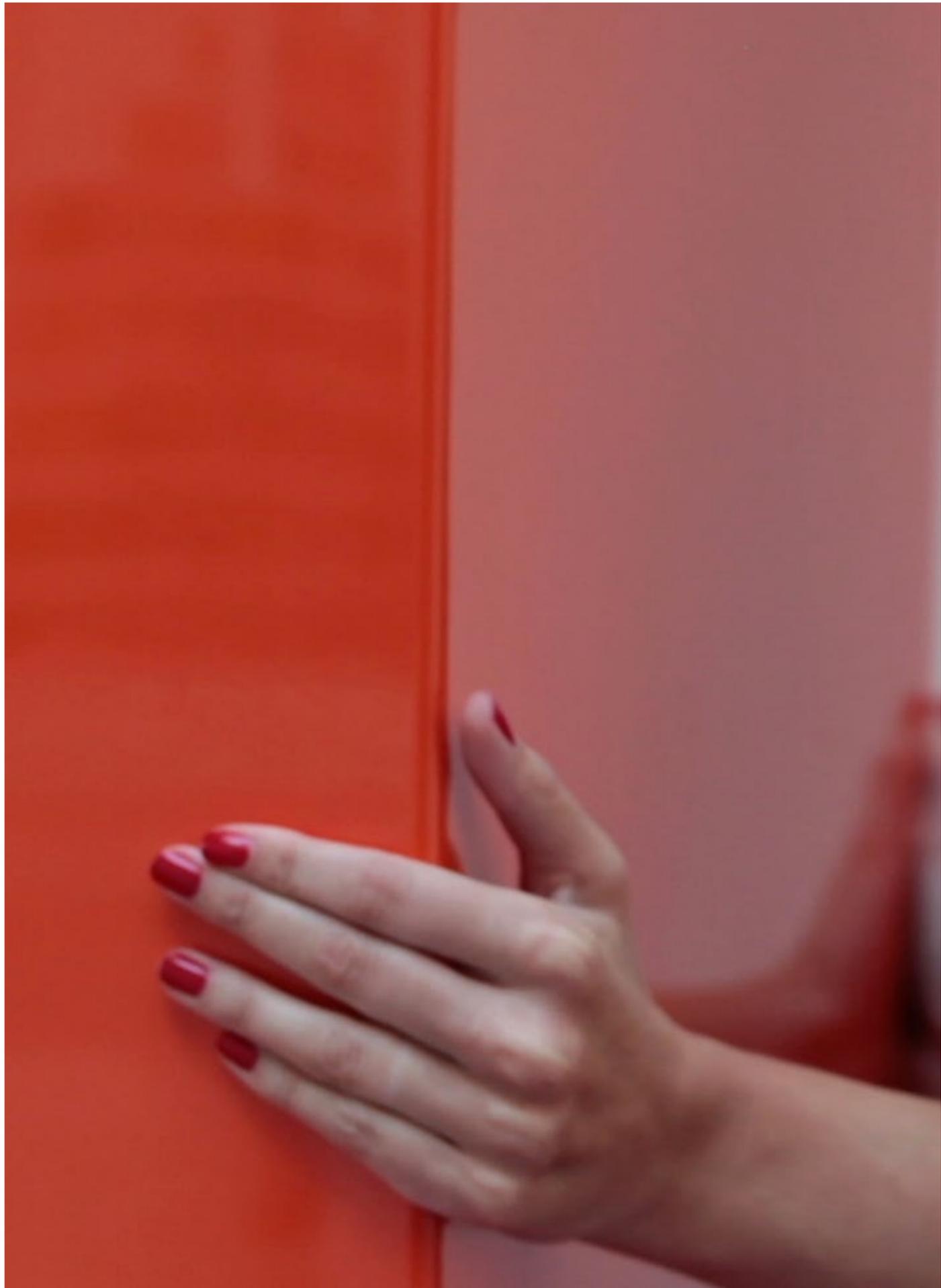


**altro**

**Designed for possibilities.  
Made for people.**

Welcome to Altro  
**Altro Walls Catalogue**





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# Types of Altro Whiterock hygienic wall cladding

## Classic solution

Altro Whiterock White is the timeless alternative to ceramic tiles for areas where hygiene and durability are paramount – like commercial kitchens, clinical areas, clean rooms and laundries.

## Versatile solution

Available in a range of solid, satin-finish shades – from subtle pastels through to vivid brights – Altro Whiterock Satins can be used where aesthetics are important and you want to create a particular mood. It's ideal for bathrooms, operating theatres, wards and splashbacks.

“Create the right impression with your chosen photographic image or art reproduced onto wall cladding.”

## Inspirational solutions

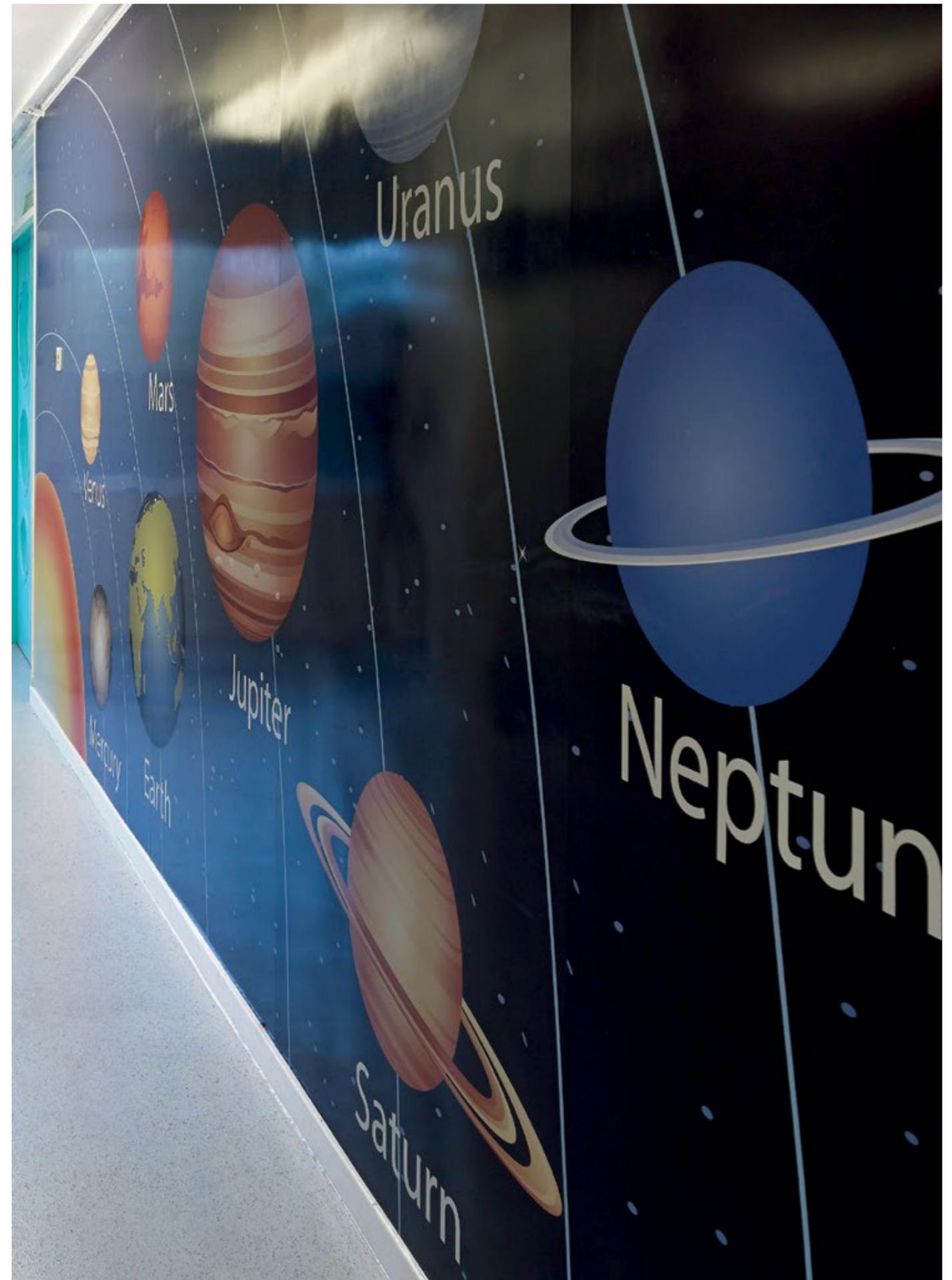
When you want to make a bold statement, choose Altro Whiterock Chameleon – the glossy, vibrant hygienic wall cladding that adds a touch of luxury to 'high-end' bathrooms, foyers, serveries, retail and splashbacks.

Create the right impression with your chosen photographic image or art reproduced onto wall cladding. From company logos to calming landscapes, Altro Whiterock Digiclad is a great choice for feature walls in foyers, wards, patient rooms, operating theatres, recovery rooms and coffee shops.

Add the finishing touch to your interior with bespoke Altro Hygienic Doorsets. Available in a wide range of colours, finishes, sizes and configurations, they can be customised to your exact requirements and are ideal for areas where durability and cleanability are key.

## Total solution

Need to meet the most rigorous hygiene regulations? Create an impervious, airtight and watertight system with Altro Whiterock Hygienic Doorsets, Altro Whiterock hygienic wall cladding and Altro flooring.



# 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 Australian 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 cleaning with warm water and standard cleaning agents.

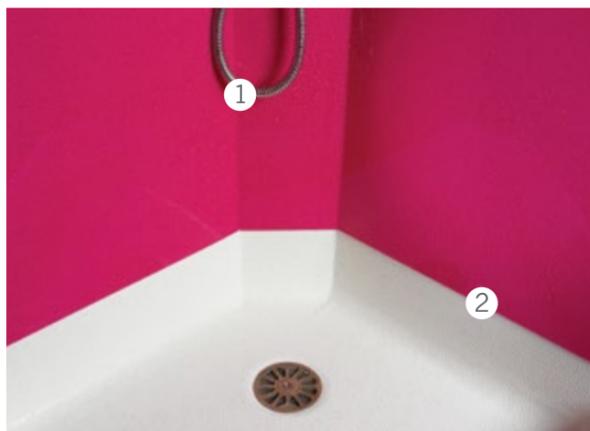
## A proven, quality system from floor to ceiling

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

## 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 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 around Australia and sent to be recycled into other PVC products, reducing waste sent to landfill.



## 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: • Tested and proven

## With the Altro Assurance of

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

# Test results

## 1. Hygiene

### Impervious, easy-clean system

Altro Whiterock is fully bonded to walls and edges and all jointing is 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 demonstrate that Altro Whiterock is impervious to water and compliant with the European Directive on the Hygiene of Foodstuffs (93/43/EEC). Tiles with standard grout absorb oil, germs or staining within the water, leading to unsightly discoloration. This demands a strict cleaning regime with an acidic agent, or risk growth of fungi and bacteria. In contrast, stain resistant Altro Whiterock needs only an occasional wipe with a standard kitchen cleaner.

Altro Whiterock sheet with heat formed corners do not harbour grime like 90°C joint angles do. Being easier to clean makes it more hygienic than tiles and grouting,

With Altro Whiterock you can therefore be confident that you have reduced the risk of food contamination & the spread of germs or pathogens through walls and surfaces.

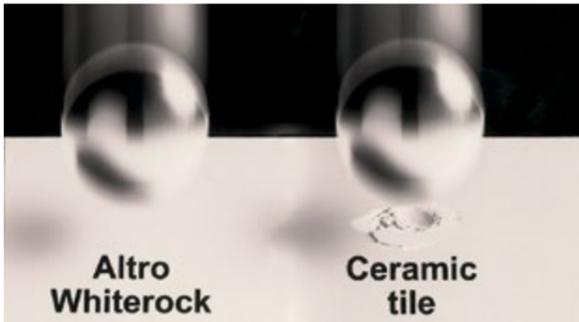
*"HACCP Australia endorses the use of Altro interior surfaces in a food handling environment because we are confident they are more hygienic than many alternative materials such as ceramic tiles, which are prone to cracking. Altro internal surfaces are easily cleaned and maintained in a sanitary condition."* - **Martin Stone, Director, HACCP Australia, HACCP International**

## 2. Durability

### Withstands everyday knocks

Altro Whiterock is extremely robust, as impact tests have confirmed.

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 susceptible to damage, prompting many ceramic tile manufacturers to recommend steel edge trims for all exposed corners and tiling edges.



The impact 'drop' tests were conducted using a 322g steel ball (tested to BS EN 438 standard) released from various heights (min. 25 mm) on to both a ceramic and Altro Whiterock surface (flat face, joint, edge and corner).

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 <sup>2</sup>

Durability test results		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 <sup>2</sup> /24 hrs	0.14 g/m <sup>2</sup> /24 hrs	0.12 g/m <sup>2</sup> /24 hrs
Ceramic tiles		Visible	Visible	Visible
Water ingress		81.4 g/m <sup>2</sup> /24 hrs	97.0 g/m <sup>2</sup> /24 hrs	90.3 g/m <sup>2</sup> /24 hrs

## 3. Appearance

### Smooth, scratch-resistant surface

Altro Whiterock is a continuous smooth, scratch resistant surface. It wipes clean in an instant and without the presence of grout, the cladding remains stain free and beautiful in 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.

The scratch-free surface means no contamination. 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.

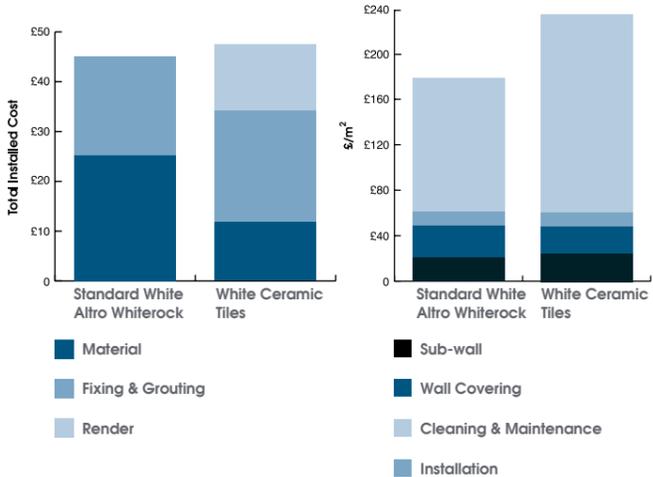
To examine the water resistance of both Altro Whiterock and ceramic tiles, samples of both were subjected to five hairline scratches, five point impacts with a dropped small kitchen knife and a combination of three scratches and two point impacts. Water was then applied to the front face and ingress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

## 4. Life cycle costs

### Savings all round

Along with its durable qualities, Altro Whiterock represents good value for money. It is quick to install – the system being bonded to the existing block-work or tiling. No 'wet trades' are required and there's none of the dust, mess and noise that results from the removal of old tiles. Expert installers can match substrate movement, avoiding the need for expansion joints, and all internal and external corners are thermoformed in situ. 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). The system's smooth, continuous surface is stain resistant and easy to wipe clean. 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.



# Altro Whiterock™ test results

Technical chart		Altro Whiterock White™	Altro Whiterock Satins™	Altro Whiterock Chameleon™	Altro Whiterock Splashbacks™	Altro Whiterock™ Hygienic Doorsets
Warranty		20	20	20	20	10
Life expectancy		25	25	25	25	25
Surface		Satin	Satin	High Gloss	* dependent on product	* dependent on face product
Thickness		2.5mm	2.5mm	2.5mm	2.5mm	49mm
Weight		3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	* dependent on product	*
Density	ISO 1183	1.39	1.39	1.38-1.42	1.38-1.42	*
Impact resistance	Charpy ISO 179	Good	Good	Good	Good	Excellent
Hygiene		High	High	High	High	High
Ease of cleaning		Easy	Easy	Easy	Easy	Easy
Chemical resistance		High	High	High	High	High
Fire tests	BS476 pt 7	Class 1	Class 1	Class 1	Class 1	*
	BS476 pt 6	Class 0	Class 0	Class 0	Class 0	*
	EN13501	B s3 d0	B s3 d0	B s3 d0	B s3 d0	*
Max service temperature		60°C	60°C	60°C	60°C	60°C
Water absorption	ISO 62	0.09	0.09	0.09	0.09	*
Shore hardness	ISO 868	79	79	85	* dependent on product	*

\* Contact Altro for further information



## How to order accessories

To order matching sealants and trims simply select from the list below and add the colour reference number, under the swatch shown on each product page:

Altro Whiterock Weldrod - WSR \_\_\_\_\_

Colour co-ordinated sealant - A805/\_\_\_\_\_

To order white sealant, simply quote A802.

For jointing/transition edging strips, see page 57.

### Matching doorsets

Doorsets are available in any Altro Whiterock colour, see pages 47-52.



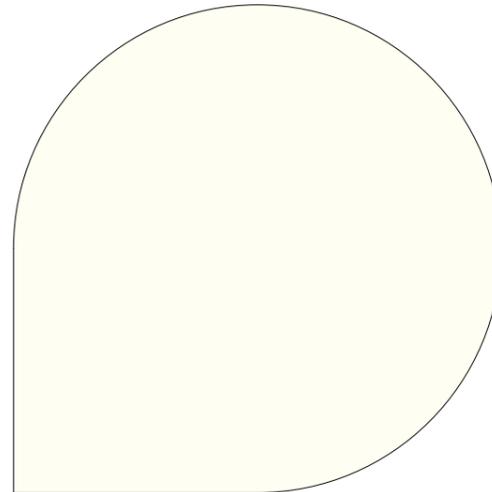
## Altro Whiterock White™

### Typical applications:

Kitchens: cold store, cook, chill, food prep.  
Clinical areas. Clean rooms. Laundries. Mortuaries.

Thinking of replacing ceramic wall tiles with a proven, high performance option? Consider Altro Whiterock White – the hygienic alternative to tiles that's impact resistant, grout-free and easy to clean. Its smooth white surface and classical purity make it a timeless choice for any interior.

Altro Whiterock White is Hazard Analysis and Critical Control Points (HACCP) approved and is made from a high-quality, food-safe PVCu polymer that can handle temperatures up to 60°C. It meets all current European Union (EU) Directives on health and hygiene. This makes it particularly suitable for use in commercial kitchens.



White  
W103 / W104 LRV: 89  
WSR01



**Looks great with:**

- Altro Stronghold 30
- Altro Classic 25



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available.

LRV = Light Reflectance Value



Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

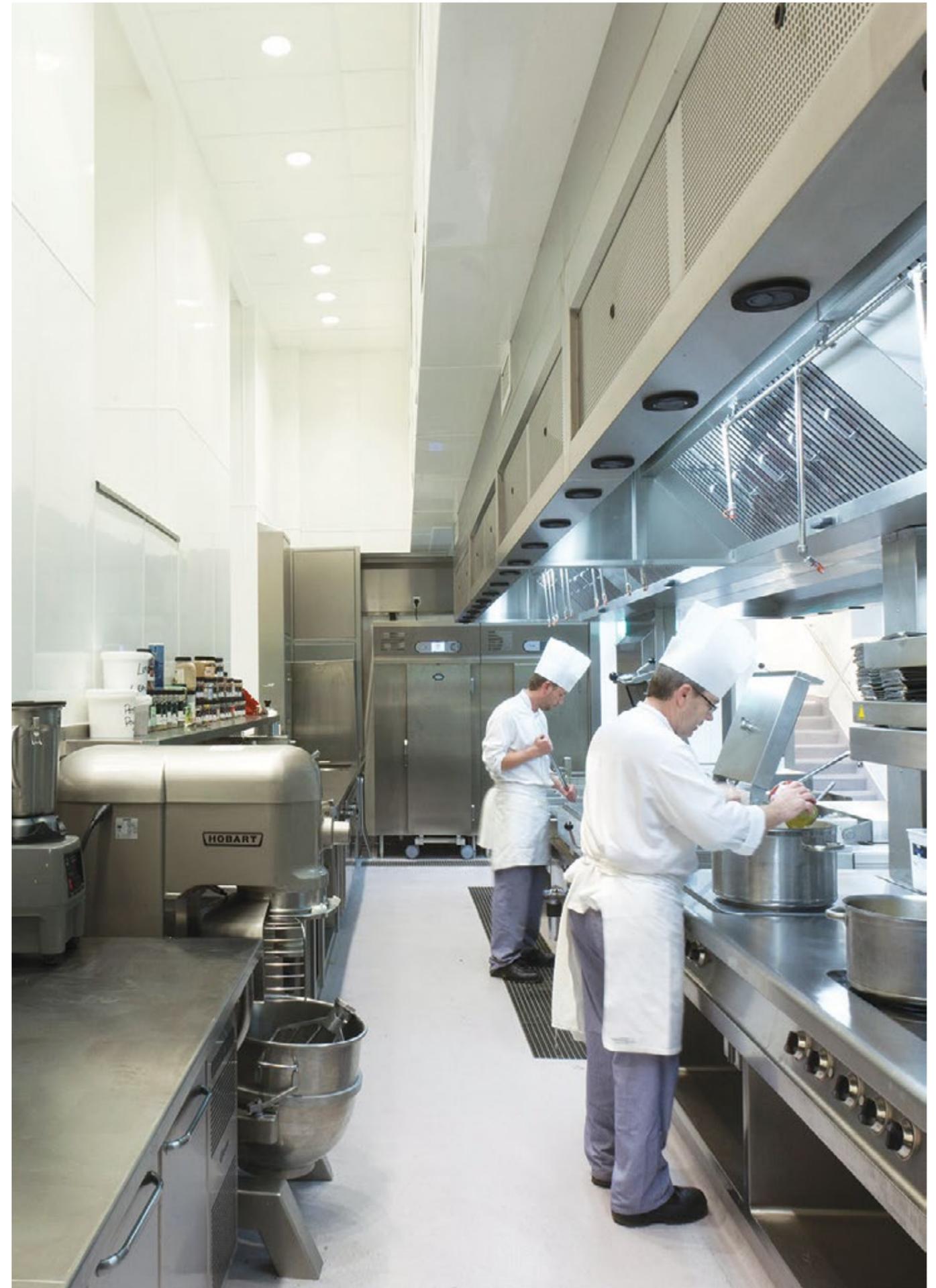
Dimensions  
**W103:** 2500 x 1220mm  
**W104:** 3000 x 1220mm

Format  
**SHEET**

Thickness  
**2.5mm**



EN15102:2007  
Manufactured by:  
Altro Ltd, Works Road  
Letchworth Garden City  
SG6 1NW  
United Kingdom



# Altro Whiterock Satins™

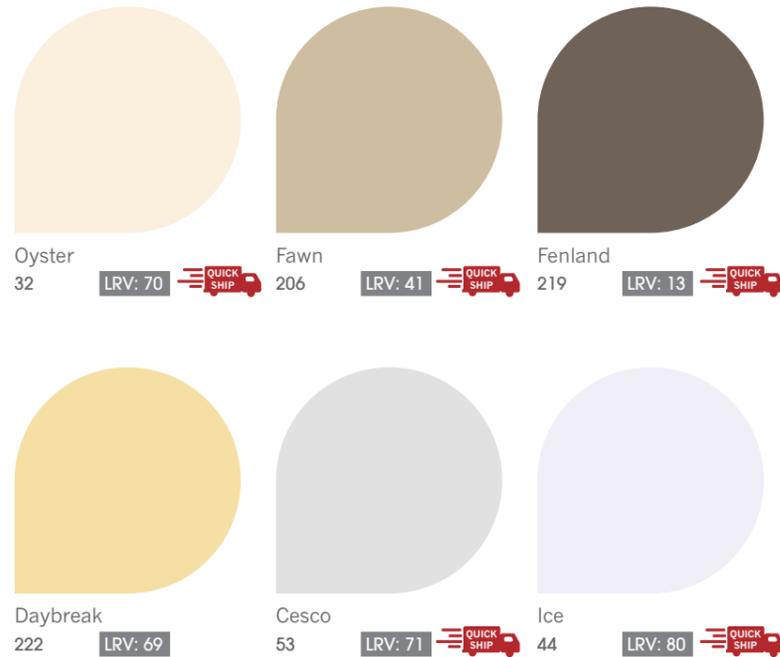
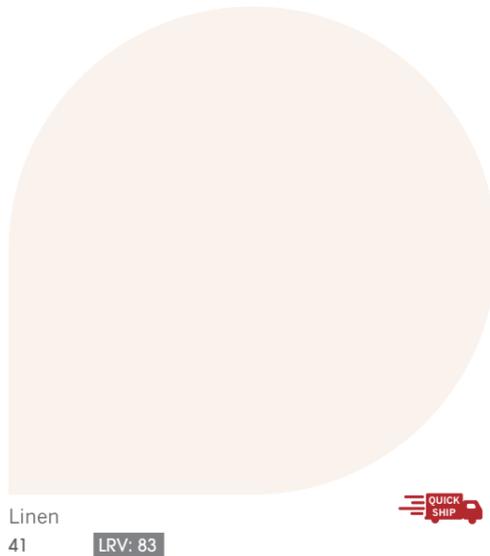
## Typical applications:

Bathrooms, showers and changing areas.  
Operating theatres and wards. Splashbacks.

Use colour to subtly create a mood with Altro Whiterock Satins. This versatile and sophisticated wall cladding is available in a range of solid, decorative, satin shades – from soothing and healing through to stimulating.

Of course, Altro Whiterock Satins still provides the impact resistance and hygiene you would expect from Altro Whiterock, with a stain-resistant, wipe-clean surface.

Altro Whiterock Satins can be combined with Altro non-sparkle safety flooring to achieve the required Light Reflectance Value difference needed for the requirements of the Equality Act 2010.



- Looks great with:**
- Altro Aquarius
  - Altro Pisces
  - Altro Wood Safety
  - Altro Whiterock Digiclad



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants**  
**LRV = Light Reflectance Value**

**QUICK SHIP** Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

<b>Dimensions</b> <b>W136: 2500 x 1220mm</b> <b>W137: 3000 x 1220mm</b>
<b>Format</b> <b>SHEET</b>
<b>Thickness</b> <b>2.5mm</b>

**Samples**  
If colour choice is critical, please request a sample of the material.

+61 3 9764 5666  
info@asf.com.au



## Altro Whiterock Chameleon™

### Typical applications:

'High end' bathrooms, showers and changing areas.  
Foyers. Serveries. Retail. Splashbacks.

Make a bold statement with Altro Whiterock Chameleon – the glossy, vibrant and vividly colourful wall cladding. Altro Whiterock Chameleon is available in 16 high impact, high-design shades to add a little bit of affordable luxury to a range of environments.

Offering all the benefits of Altro Whiterock, Altro Whiterock Chameleon is very durable, with a smooth, watertight, wipe-clean surface.



- Looks great with:
- Altro Aquarius
  - Altro Pisces
  - Altro Wood Safety
  - Altro Whiterock Digiclad



	Liquorice 6612V LRV: 5	Distant Thunder 6634 LRV: 18	Pure Innocence 6601V LRV: 92	
Key Lime 6635 LRV: 50				
	Night Fall 6622V LRV: 15	Slip Stream 6611V LRV: 36	Sheer Glass 6609V LRV: 40	
Taxi Cab 6636 LRV: 51	Eau De Chic 6605V LRV: 51	Ocean Deep 6637 LRV: 6	Feng Shui 6617V LRV: 9	Shocking Pink 6616V LRV: 15
Hawaiian Palm 6638 LRV: 22	Ice Queen 6629V LRV: 36	Moulin Rouge 6618V LRV: 12	Juicy Lucy 6620V LRV: 20	

For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants**  
LRV = Light Reflectance Value

Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

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

**Samples**  
If colour choice is critical, please request a sample of the material.  
 +61 3 9764 5666  
 info@asf.com.au



## Altro Whiterock™ Wall Designs

### Typical applications:

Reception and circulation areas, cafes, hotels, restaurants and bars, bathrooms, showers and changing rooms

Welcome to the new vision in wall decoration – Altro Whiterock wall designs. With natural wood, metal, stone and linen options, it gives an elegance to interior walls while providing the durability you expect from an Altro Whiterock wall sheet.

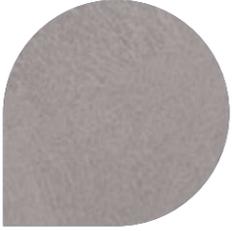
It is fitted like an Altro Whiterock sheet, and can be combined with Altro floors for a fully sealed, impervious solution for non-critical hygiene environments. It can also be used with Altro Whiterock and Altro Fortis wall sheets in adjacent areas.

Matching silicone sealants are available, as well as five co-ordinating and contrasting Altro Whiterock trims. It can also be used with existing Altro Whiterock trims, including Altro Whiterock Flexjoint.



- Looks great with:
- Altro Aquarius
  - Altro Pisces
  - Altro Wood Safety
  - Altro Whiterock Digiclad



 <b>Antique Copper</b> 9912 LRV: 10 	 <b>Soft Woodgrain</b> 9901 LRV: 52 	 <b>Warm Woodgrain</b> 9904 LRV: 38 	 <b>Rich Woodgrain</b> 9902 LRV: 14 	
	 <b>Winter Weave</b> 9909 LRV: 58 	 <b>Autumn Weave</b> 9910 LRV: 43 	 <b>Summer Weave</b> 9908 LRV: 36 	 <b>Brushed Steel</b> 9911 LRV: 54 
	 <b>White Mineral</b> 9905 LRV: 61 	 <b>Cool Mineral</b> 9906 LRV: 48 	 <b>Urban Mineral</b> 9907 LRV: 28 	

 For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants**  
 LRV = Light Reflectance Value

 Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

<b>Dimensions</b> W161: 3000 x 1220mm
<b>Format</b> SHEET
<b>Thickness</b> 2.5mm

 **Samples**  
 If colour choice is critical, please request a sample of the material.  
 +61 3 9764 5666  
 info@asf.com.au



## Altro Whiterock FR™

### Typical applications:

Bathrooms, showers and changing areas. Kitchens: cold store, cook, chill, food prep. Operating theatres and wards.

Use colour to subtly create a mood with Altro Whiterock FR. The hygienic alternative to tiles that's impact resistant, grout-free and easy to clean. Its smooth satin surface and classic colours make it a timeless choice for any interior.

Altro Whiterock FR can now be installed in specific non sprinklered areas. Available in 11 colours. Call us today to find out more.



- Looks great with:**
- Altro Aquarius
  - Altro Pisces
  - Altro Wood Safety
  - Altro Whiterock Digiclad



**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants**  
 LRV = Light Reflectance Value

**QUICK SHIP** Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

<b>Dimensions</b> <b>W160:</b> 2500 x 1220mm <b>W161:</b> 3000 x 1220mm
<b>Format</b> <b>SHEET</b>
<b>Thickness</b> <b>2.5mm</b>

**Samples**  
 If colour choice is critical, please request a sample of the material.  
 +61 3 9764 5666  
 info@asf.com.au



## Altro Whiterock Digiclad™

### Typical applications:

Feature walls – foyers and reception areas.  
 Wards and bedrooms. Patient rooms. Operating theatres.  
 Recovery rooms. Coffee shops.

Create the right impression with a bespoke design on your wall. From a calming coastal landscape in a hospital ward to a bold company logo in a reception area, the only limit is your imagination.

Altro Whiterock Digiclad is created by reproducing a photographic image or vector art onto Altro Whiterock wall cladding, with consistent, photographic quality. Hard-coat technology provides scratch-resistant properties for added surface protection, making Altro Whiterock Digiclad ideal for areas where durability is important.

### Looks great with:

- Altro Whiterock Satins
- Altro Whiterock Chameleon
- Altro Cantata
- Altro Wood Safety
- Altro Walkway 20
- Altro XpressLay



## Order in 6 easy steps



Dimensions 2500 x 1220mm 3000 x 1220mm
Format <b>SHEET</b>
Thickness 2.5mm



## Altro Whiterock Splashbacks™

### Typical applications:

Bathrooms. Hydrotherapy. Spas. Changing rooms. Serveries.

Hygienic, low-maintenance, convenient and easy to install...no wonder Altro Whiterock Splashbacks are such a popular alternative to tiles. They're available as kits in a range of sizes to suit most hand wash basins and vanity units, or custom sized for the perfect fit.

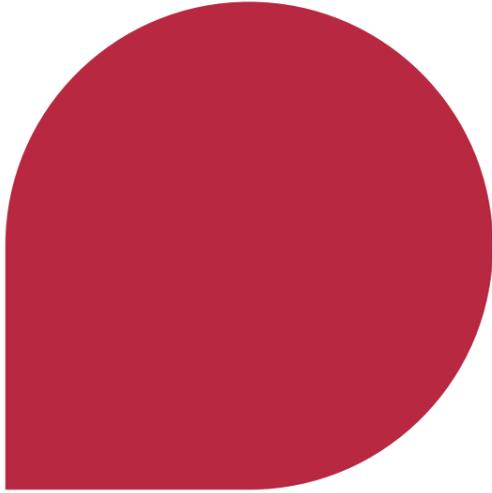
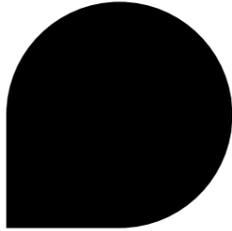
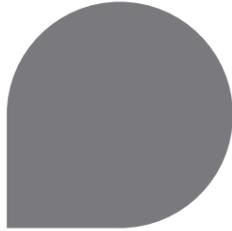
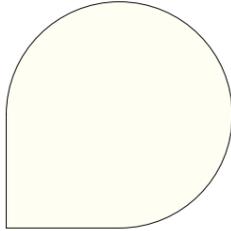
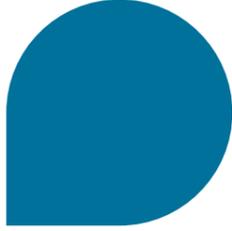
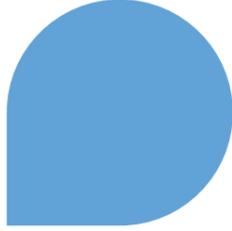
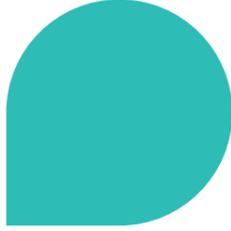
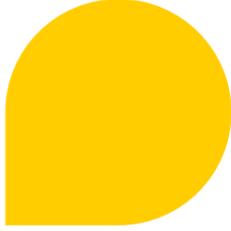
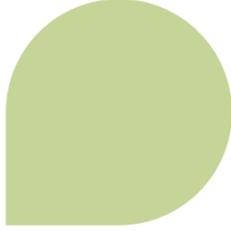
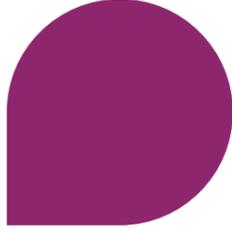
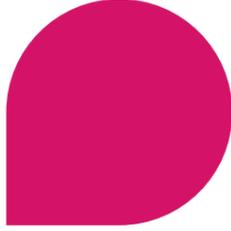
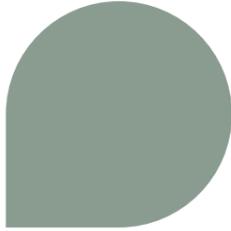
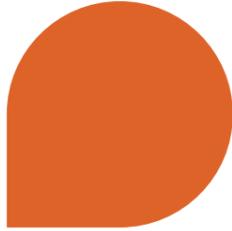
Giving you the flexibility to coordinate or contrast, Altro Whiterock Splashbacks come in a vast array of colours and finishes complemented by colour-matched sealants.

Choose from Altro Whiterock Satins or Altro Whiterock Chameleon ranges, pick your size, and away you go.

Dimensions Cut size only, in mm
Format <b>SHEET</b>
Thickness 2.5mm

<b>Standard sizes:</b>
Ref SB10/..... 500 x 305
Ref SB8/..... 625 x 305
Ref SB6/..... 833 x 305
Ref SB9/..... 500 x 610
Ref SB7/..... 625 x 610
Ref SB4/..... 1250 x 305
Ref SB5/..... 833 x 610
Ref SB14/..... 1220 x 500
Ref SB13/..... 1220 x 625
Ref SB2/..... 2500 x 305
Ref SB3/..... 1250 x 610
Ref SB12/..... 1220 x 833
Ref SB11/..... 1250 x 1220
Ref SB1/..... 2500 x 610



				
Moulin Rouge 6618V LRV: 12	Liquorice 6612V LRV: 5	Distant Thunder 6634 LRV: 18	Pure Innocence 6601V LRV: 92	
				
Night Fall 6622V LRV: 15	Slip Stream 6611V LRV: 36	Sheer Glass 6609V LRV: 40		
				
Taxi Cab 6636 LRV: 51	Eau De Chic 6605V LRV: 51	Ocean Deep 6637 LRV: 6	Feng Shui 6617V LRV: 9	Shocking Pink 6616V LRV: 15
				
Hawaiian Palm 6638 LRV: 22	Ice Queen 6629V LRV: 36	Key Lime 6635 LRV: 50	Juicy Lucy 6620V LRV: 20	

Also available in  
Altro Whiterock Satins,  
for colours see  
pages 49-50.

**i** For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealant**.  
LRV = Light Reflectance Value

**Looks great with:**

- Altro Whiterock range and Altro safety flooring, especially Altro Aquarius

**Samples**  
If colour choice is critical, please request a sample of the material.

+61 3 9764 5666  
info@asf.com.au



Each PVCu sheet has a slight texture that helps to disguise any knocks and scuffs. This means it is not suitable for hygienic areas, for example clinical areas in healthcare.

The product is fire tested to ISO>>>> and achieves a XXXXXX.

The product can also be thermoformed to go around bends and corners for a seamless finish.

## Altro Fortis Titanium™ 15

### Typical applications:

Corridors, classrooms, and circulation areas.

Altro Fortis Titanium is the saviour of busy public areas. Doors and plaster board walls can easily be damaged, be it scrapes and knocks as people pass, or more serious dents and holes caused by wheeled traffic. Altro Fortis Titanium has been specifically designed to protect these surfaces in busy public areas.

Altro Fortis Titanium is constructed from highly durable uPVC semi-rigid sheet, which is dense, impervious material, resistant to bumps. It features a lightly textured surface, which camouflages scuffs, keeping the wall area looking better for longer.

### Looks great with:

- Altro Whiterock Satins
- Altro Whiterock Chameleon
- Altro Cantata
- Altro Wood Safety
- Altro Walkway 20
- Altro XpressLay



 Stocked colours for quick delivery. Other colours are indent only and have a lead time of 8-12 weeks. For large quantities please call to confirm stock holding.

 Looks great with:

- Altro Whiterock range and Altro safety flooring, especially Altro Aquarius

 **Samples**  
If colour choice is critical, please request a sample of the material.

 +61 3 9764 5666  
 info@asf.com.au



Birmingham Care Home

## Jointing

Joints and junctions are a key part of system integrity. There are two really popular ways of creating junctions between your wall cladding and flooring. One is the overlap method, where the wall cladding overlaps the flooring and the junction is sealed with mastic. The other is the transition strip method.

When you install wall cladding, smooth, secure joints make cleaning easier and help stop dirt, moisture, bacteria or vermin from settling. Altro hygienic wall cladding can be secured using one of four different types of joint:

1. **Welded:** the most hygienic joint, it's flush to the surface, and the only one suitable for clean rooms and operating theatres. It's also suitable for general hospital use and kitchens.
2. **Single-part:** used for safety reasons, it's ideal for secure units as it can't be pulled off.
3. **Two-part:** the quickest and easiest joint to fit, it's aesthetically pleasing and forgiving on an uneven surface. Often used in kitchens, it can be used almost anywhere except specialist clean areas and secure units.
4. **Altro Whiterock FlexiJoint:** a slim, aesthetically-pleasing joint unique to Altro and available in pre-cut lengths. It can be used nearly everywhere apart from specialist clean areas and secure units.



## Altro Whiterock™ hygienic doorsets

### Typical applications:

Operating theatres. Pharmacies. Kitchens. Corridors. Labs.

In areas where hygiene is crucial, or where doors take a lot of abuse, Altro Whiterock Hygienic Doorsets are the answer. Faced with PVCu, they're not only tough and impact-deflective, but also hygienic and low maintenance.

Altro Whiterock Hygienic Doorsets are custom-made to meet your needs, and can be designed for use on their own or as part of a complete Altro system including hygienic wall cladding and flooring. They're available in colours that can complement your decor or create contrast to aid with wayfinding.



### Samples

If colour choice is critical, please request a sample of the material.

+61 3 9764 5666

info@asf.com.au



### Looks great with:

- Altro Whiterock White / Altro Whiterock Satins / Altro Whiterock Chameleon / Altro Whiterock Digiclad
- Altro Stronghold 30



### Samples

If colour choice is critical, please request a sample of the material.

+61 3 9764 5666

info@asf.com.au



# Altro Whiterock hygienic doorset overview



Easy to clean, attractive formed leading edges

Vision panels available to order. Size and glazing type available to order

Optional quality PVCu encapsulated handles

Doors faced in genuine 2.5mm thick EU Grade Altro Whiterock PVCu

Stainless steel hinges

Superb finish shows in every detail

- 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 comply with the Equality Act 2010 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, 49mm 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

## Door types

There are a number of factors to consider when choosing your doorset. Ease of installation and the control of smoke and radiation are of varying importance depending on the application. Because Altro Whiterock doors come as a complete set, the technical performance and integrity of your installation are assured. Doorsets are available in a wide range of standard or bespoke sizes and a variety of formats. Altro Whiterock doorsets can be customised to your specific requirements taking into consideration some of the following factors

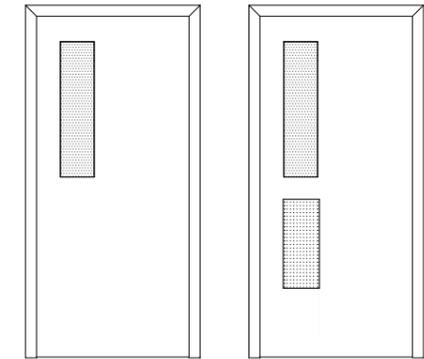
- Acoustic control - none or 29 RwdB
- Smoke control
- Vision panels

<p><b>Impact Resistance</b></p> <p><b>Excellent</b></p>	<p><b>Chemical Resistance</b></p> <p><b>High</b></p>	<p><b>Hygiene</b></p> <p><b>Good</b></p>	
<p><b>Ease of Cleaning</b></p> <p><b>Easy</b></p>	<p><b>our promise to deliver</b></p> <p>the highest quality products &amp; services</p>	<p><b>20 year</b></p> <p>product warranty</p>	

## Vision Panels

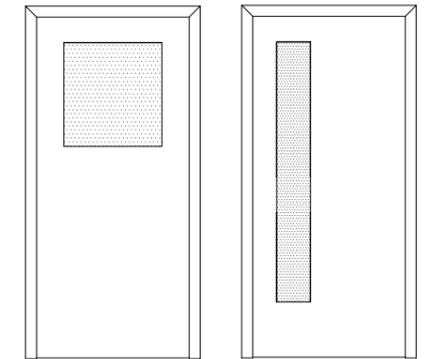
In many applications the vision panel is a key feature of the door and the Altro range has a wide selection to choose from. Standard designs are pictured below.

Bespoke designs can also be catered for.



ALVP1

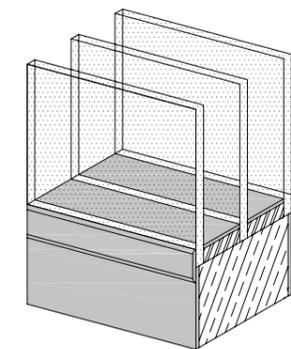
ALVP2



ALVP4

ALVP3

Vision panels can be glazed as per our 2 standard glazing systems indicated below. Alternatively vision panels can be supplied with internal blinds or louvres if privacy is required. Bespoke glazing is also available, discuss your requirements with Altro direct.



DETAIL X

Flush glazed doors are supplied with 2 acrylic glazing panels. A central glass pane is incorporated in fire rated doors.



## Frames

Door frames are available in a variety of forms. All are manufactured with ease of cleaning and hygiene in mind with fewer areas for dirt and contaminants to gather.

Picture one - standard frame offering for Australian markets.

Note: tight construction tolerance is required with regard to vertical alignment of walls if this detail is chosen. Abutments are to be sealed with Altro silicone sealant, or architraves can be used (see Detail). Alternatively fit the edge of the frame back from the face of the wall min 10mm to form, reveal and seal the abutment (see Detail).

## Detail

1 piece rebated frame overlapping one side - The design of this door frame is such that it is manufactured 20mm wider than the thickness of the wall it is being installed into, thereby enabling the frame to be installed prior to the Altro Whiterock wall cladding, enabling a more accurate abutment. It also eliminates the requirement for architraves to one side and will accommodate a wider tolerance in the wall construction.

The rebated frame provides closing to one side, with no architraves. Architraves or sealant are required to close out the opposite side.

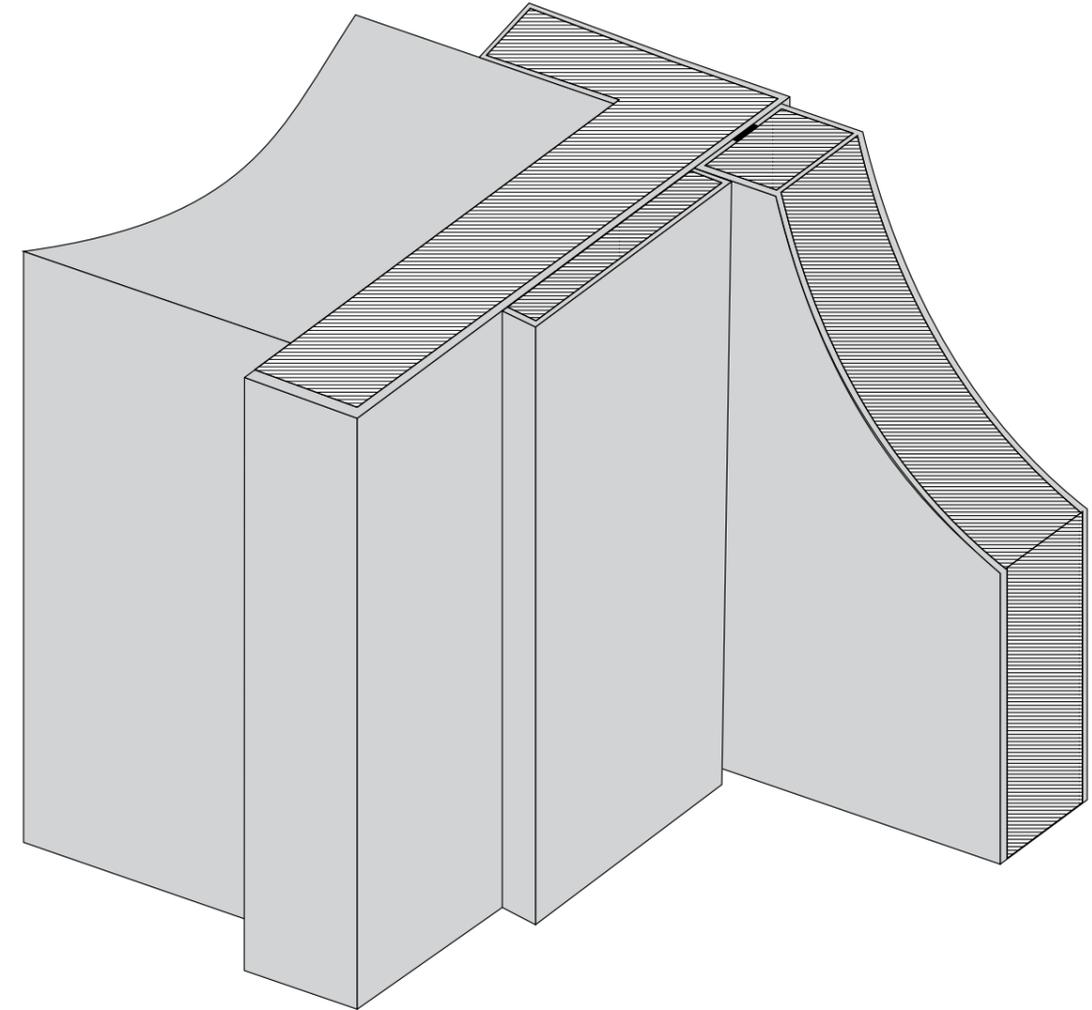


1: Australian Standard Frame

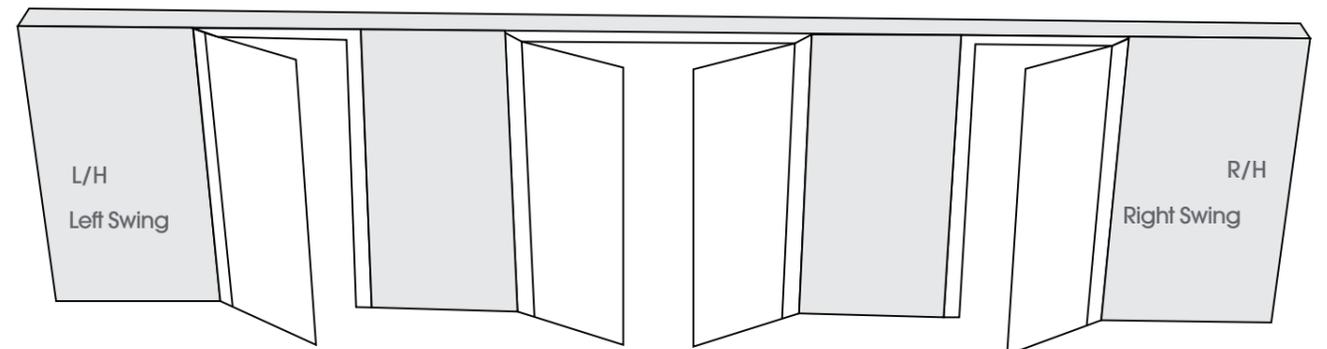


2: Australian Standard Frame

## Detail

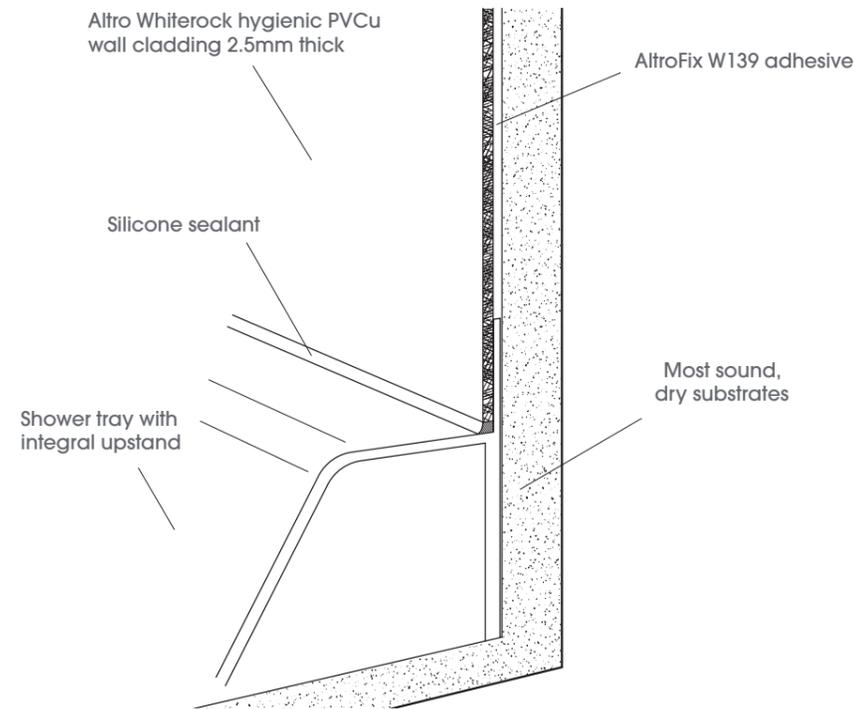


Always referred to facing the door and opening towards you



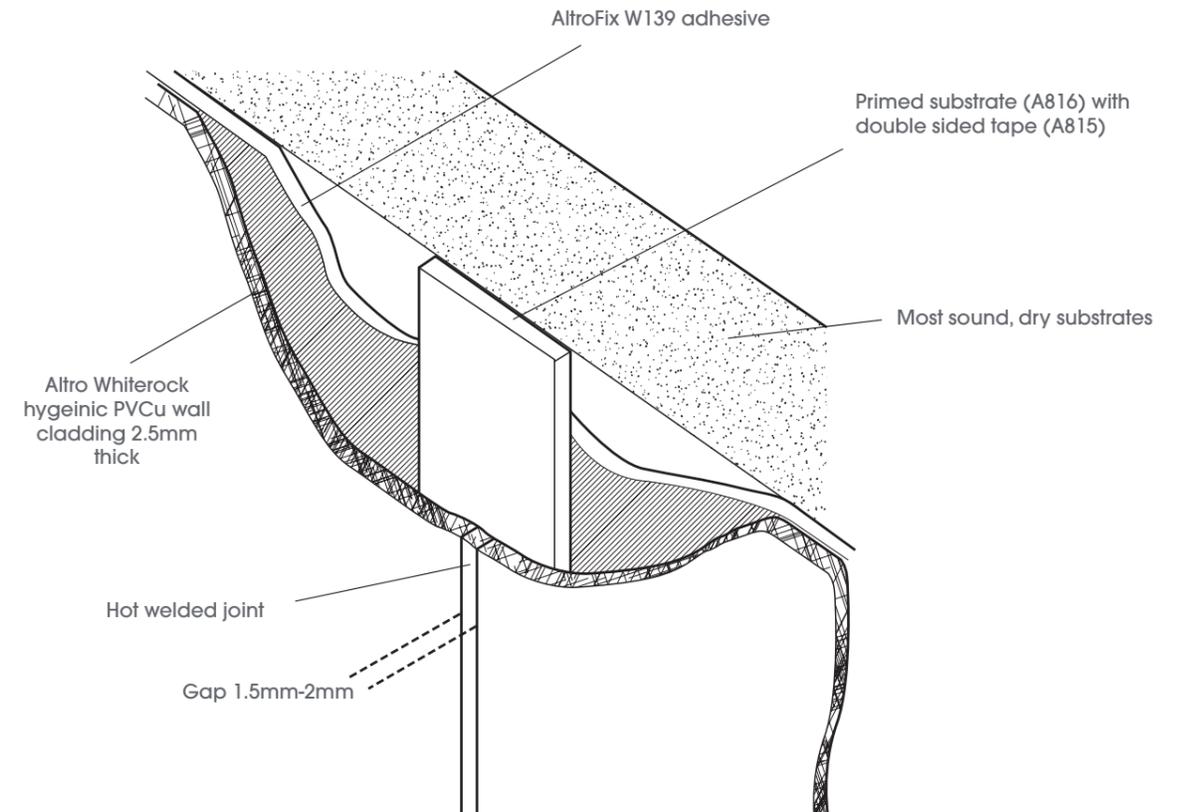
**Altro Whiterock™ hygienic PVCu wall cladding to shower tray with integral upstand detail**

**WS2**



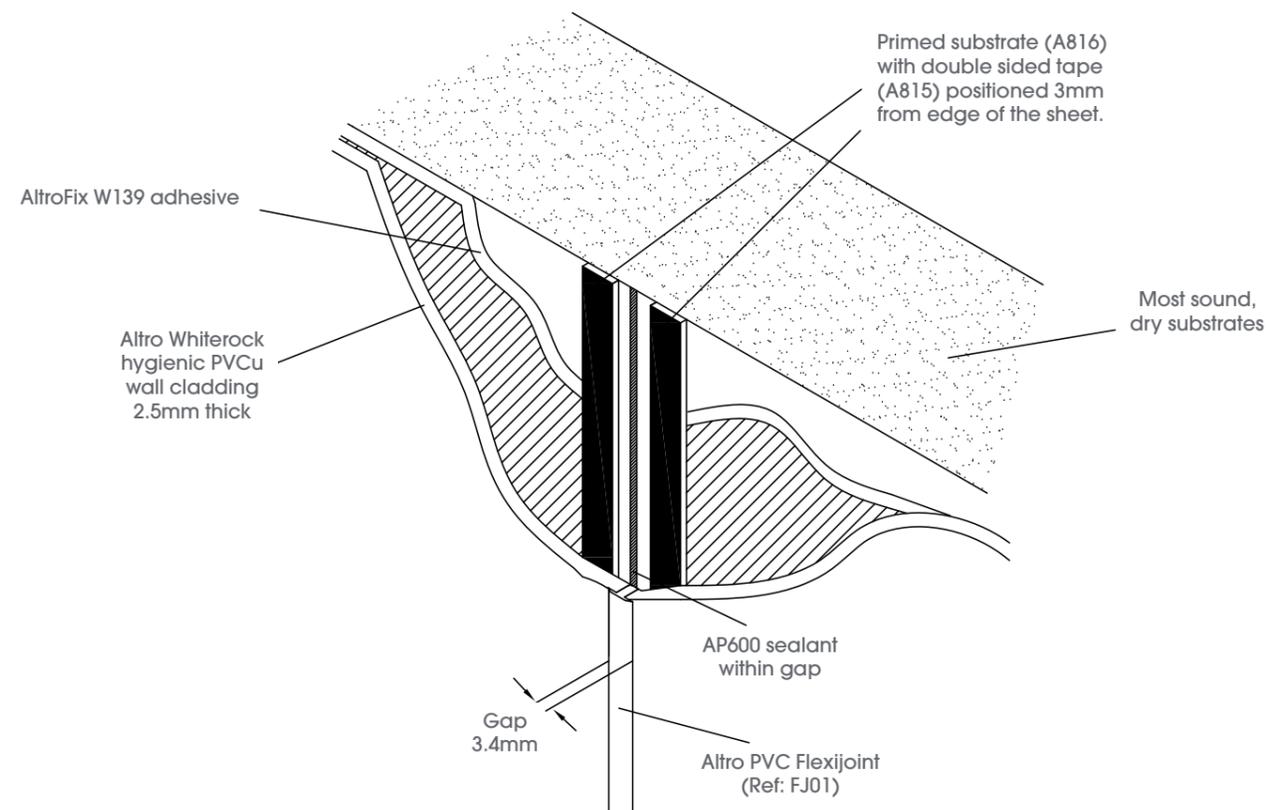
**Altro Whiterock™ hygienic PVCu wall cladding to Altro Whiterock hygienic PVCu wall cladding detail**

**W9**



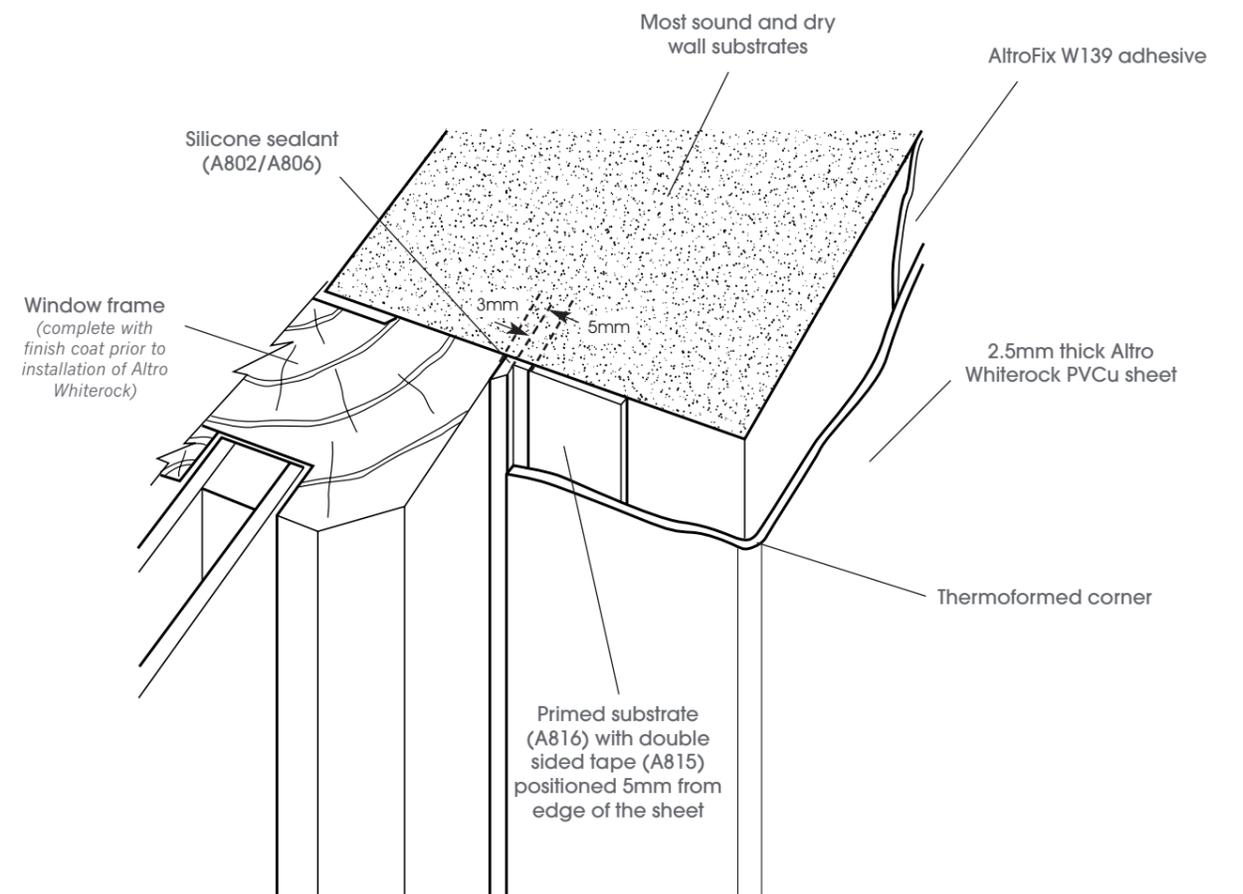
**Altro Whiterock™ hygienic PVCu wall cladding to Altro FlexiJoint™ detail**

**W11**



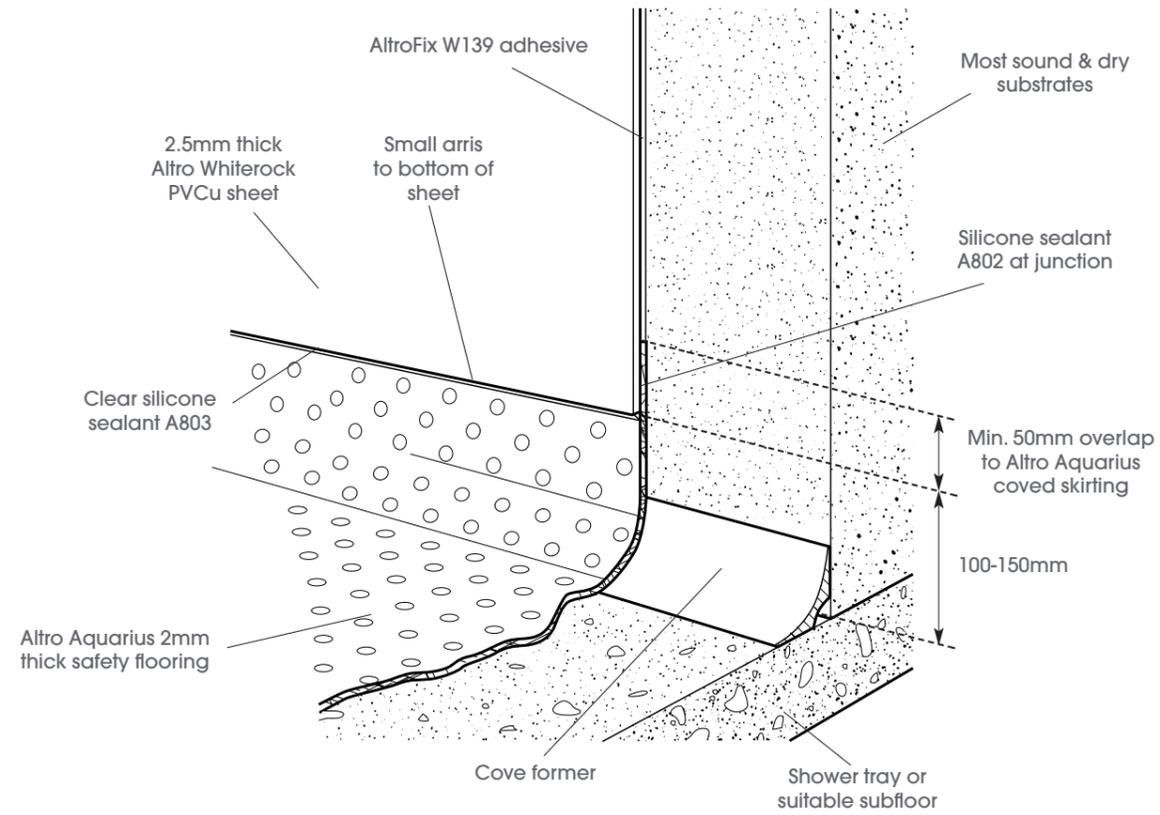
**Altro Whiterock™ hygienic PVCu wall cladding to window/door frame detail**

**W1**



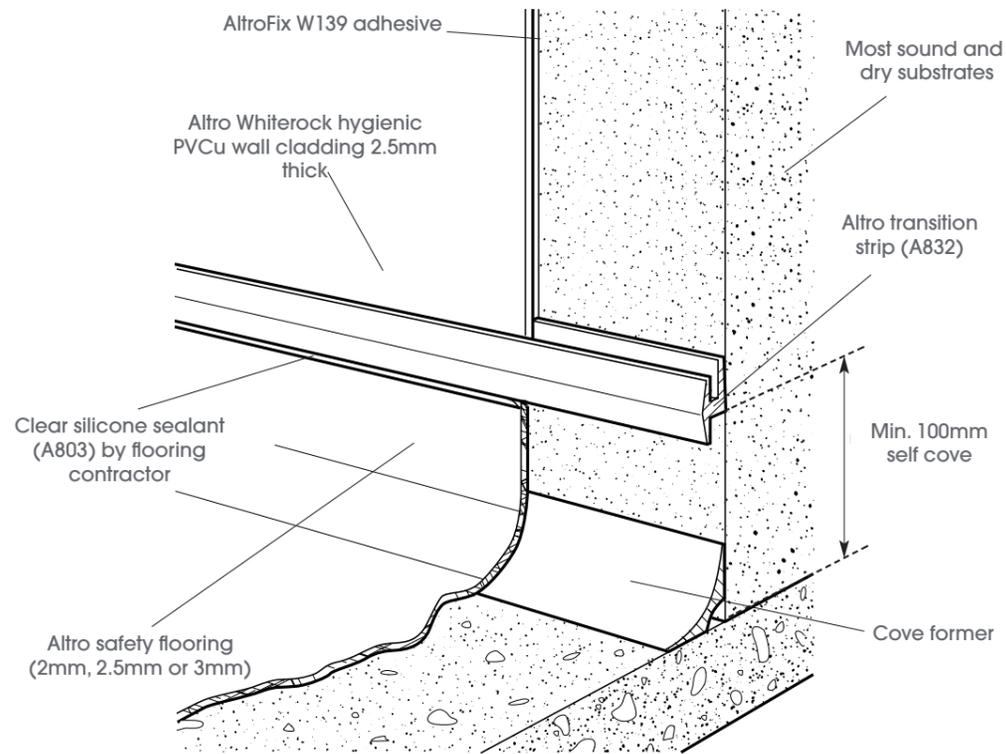
**Altro Whiterock™ hygienic PVCu wall cladding to Altro Aquarius safety flooring shower tray detail**

**WF4**



**Altro Whiterock™ hygienic PVCu wall cladding to Altro safety flooring detail**

**WF2**



**Altro Whiterock™ trims guide**

CODE	DESCRIPTION	GUIDE
LFSAPAC	3m Finishing Strips - White only	
A807	2.5m Small Start and Edge Trim - White	
A826	2.44m small external corner - all colours	
A827	2.44m Small Internal Corner - all colours	
A831	2.5m 2 part Joint Strip - all colours 3.0m 2 part Joint Strip - all colours	
A832	2.5m 2 piece cut tile - all colours 3.0m 2 piece cut tile - all colours	
A833	2.5m 2 piece Heavy Duty Start and Edge Trim - all colours 3.0m 2 piece Heavy Duty Start and Edge Trim - all colours	
F836	2.5m 2 piece External Corner - all colours 3.0m 2 piece External Corner - all colours	
F837	2.5m 2 piece Internal Corner - all colours 3.0m 2 piece Internal Corner - all colours	



## Before

Since 1991 Bonney Healthcare Group have been providing the highest standards of private care in four locations across South Australia. As group leaders in the field they recently underwent an upgrade and were looking for an ensuite package to meet their high standards of care, safety and hygiene.

They contacted Altro Whiterock Premier Partners - Contract Carpets, who presented them with an interior package that ticked all the boxes. Altro Whiterock was able to go over the existing tiles saving them time and money on the installation. Altro Aquarius safety flooring has an R10 and Class B for slip resistance offering safety in wet and dry, shoe and barefoot environments.

Bonney Healthcare Group prides itself on Striving for Excellence across all standards of care for residents in an environment where people matter, and their new ensuites certainly reflect that!

## After

“The feedback from residents and staff has been extremely positive, most of the comments are: “The bathroom looks really good and is much easier to clean”

We are happy that we have chosen Altro and highly recommend it!” - Elisabete Neto, Business Administration

Manager, Bonney Healthcare Group

## Samples

If colour choice is critical, please request a sample of the material

 1800 641 441 (toll free)

 [info@asf.com.au](mailto:info@asf.com.au)



To find out more please visit our website

 1800 673 441 (toll free)  [info@asf.com.au](mailto:info@asf.com.au)



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