

# Introduction to Altro wall cladding

With over 30 years' experience, we know a thing or two about wall cladding. Effective, impervious, protective wall cladding can make all the difference when it comes to easy, low-cost maintenance and hygiene across a wide range of environments.

We have two solutions, Altro Whiterock hygienic wall cladding and Altro Fortis wall protection. Choosing your wall cladding solution is simple; it's all about where you need to use it.

## Is hygiene critical?

For areas where hygiene is paramount, we recommend the Altro Whiterock hygienic wall cladding range (see pages 48 and 50). Typical installations include clinical areas such as operating theatres, wards and labs, plus kitchens and bathrooms.

## Is wall protection, rather than hygiene, the key driver?

For non-clinical, busy public and service areas, we recommend Altro Fortis, our protection system for walls, doors and corners (see pages 48 and 62). This hard-wearing, scuff-resistant option has a lightly textured surface and it is ideal for areas subjected to high levels of traffic such as school corridors.

The Altro Whiterock hygienic wall cladding range is great for a high-end look or if a smooth surface is what's required.



# Wall cladding technical chart

Technical chart		Altro White rock White	Altro White rock Satins	Altro White rock Chameleon	Altro White rock Splashbacks	Altro Fortis Titanium	Altro Fortis corner protection
Guarantee		20	20	20	20	20	20
Life expectancy		25	25	25	25	25	25
Surface		Satin	Satin	High Gloss	*dependent on product	Textured	Textured
Thickness		2.5mm	2.5mm	2.5mm	2.5mm	2.5mm	2.5mm
Weight		3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>
Density	ISO 1183	1.39	1.39	1.38-1.42	1.38-1.42	1.39	1.39
Hygiene		High	High	High	High	Moderate	Moderate
Ease of cleaning		Easy	Easy	Easy	Easy	Easy	Easy
Chemical resistance		High	High	High	High	High	High
Fire tests	BS 476 pt 7	Class 1	Class 1	Class 1	Class 1	-	-
	BS 476 pt 6	Class 0	Class 0	Class 0	Class 0	-	-
	EN13501	B s3 d0	B s3 d0	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	60°C
Water absorption	ISO 62	0.09	0.09	0.09	0.09	≤0.1%	≤0.1%
Shore hardness	ISO 868	79	79	85	*dependent on product	79	79
Impact resistance	Charpy ISO 179	Good	Good	Good	Good	Excellent	Excellent
Gardner Impact resistance (in-lb)	ASTM D4226	-	-	-	-	131	131

\* Contact Altro for further information



# 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 (see page 72), Altro Whiterock hygienic wall cladding and Altro flooring.







## How to order accessories

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

### Wall cladding accessories:

- Altro Whiterock weld – WSR\_
- For jointing / transition edging strips, see page 67.

### Altro Whiterock accessories:

- Colour co-ordinated sealant - A805/\_
- To order white sealant, simply quote A802.

### Altro Fortis accessories:

Altro Mastic XT™ dries harder than standard mastic, reducing build-up of dirt and making it easier to clean.

- Colour co-ordinated mastic sealant – AXT/\_

Altro FlexiTrim™ has a bevelled top edge trim for dado height, reducing the build-up of dust or dirt. It is supplied in 35m coils.

- Top edge trim – Altro FlexTrim/\_

## Matching doorsets

Doorsets are available in any Altro Whiterock and Altro Fortis colour, see page 72.



Rosemary Shrager's Cookery School

## Altro Whiterock White™

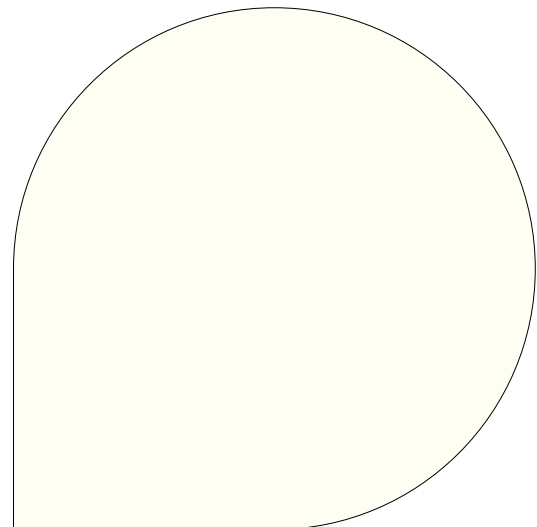
Typical applications:

**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  
01  
WSR01

LRV: 89



Looks great with:

- Altro Stronghold 30
- Altro Classic 25
- Altro Designer 25



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value



### Samples

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

☎ 01462 707 700

✉ [samples@altro.com](mailto:samples@altro.com)

Please see technical chart on page 48 for full details.

Dimensions <b>W103:</b> 2500 x 1220mm <b>W104:</b> 3000 x 1220mm
Format <b>SHEET</b>
Thickness <b>2.5mm</b>

<b>CE</b>
EN15102:2007
Manufactured by: Altro Ltd. Works Road Letchworth Garden City SG6 1NW United Kingdom









Chesterfield Royal Hospital

## Altro Whiterock Satins™

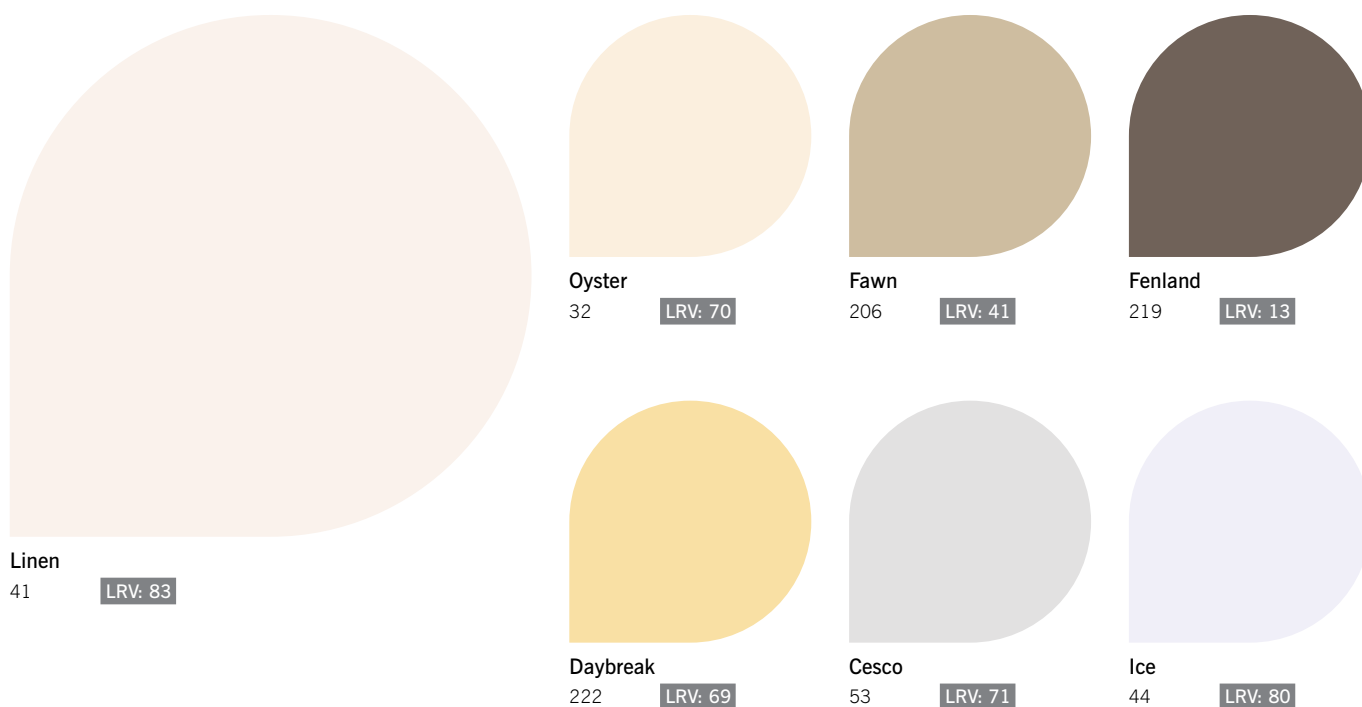
Typical applications:

**Bathrooms, showers and changing areas.**  
**Operating theatres and wards. Splashbacks.**  
**Cooking and food preparation areas.**  
**Serveries. Kitchens open to public view.**

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.

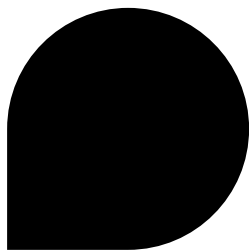


Looks great with:

- Altro Aquarius
- Altro Unity 25
- Altro Suprema
- Altro Wood Safety
- Altro Whiterock Digiclad
- Altro Designer 25

Please see technical chart on page 48 for full details.

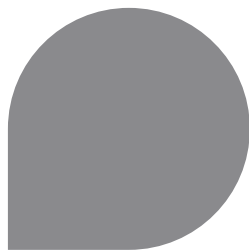




Dakota

209

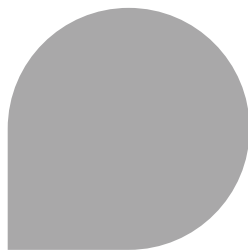
LRV: 6



Urban

210

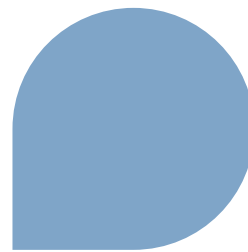
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Echo

208

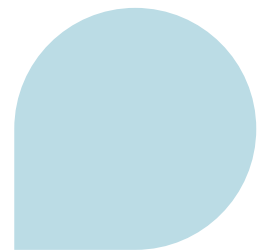
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Flint

201

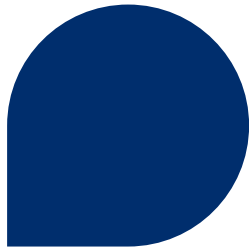
LRV: 32



Clarity

207

LRV: 64



Ozone

211

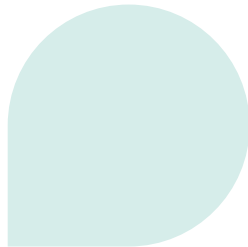
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Seafoam

43

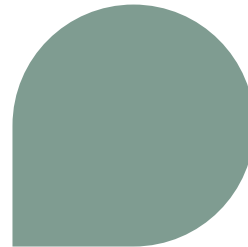
LRV: 81



Mint

203

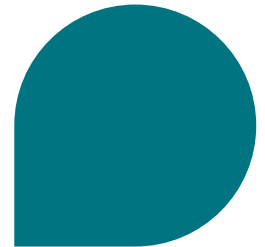
LRV: 62



Promenade

212

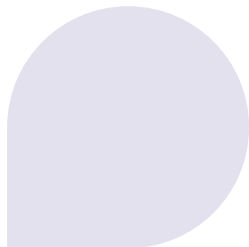
LRV: 32



Vibrance

213

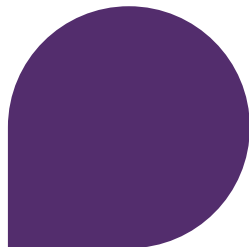
LRV: 22



Malva

57

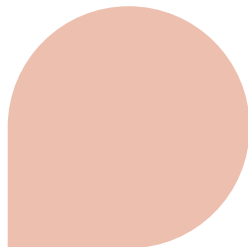
LRV: 68



Viola

214

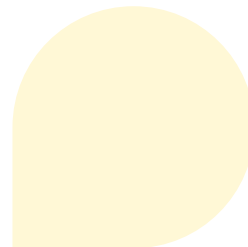
LRV: 13



Sorbet

216

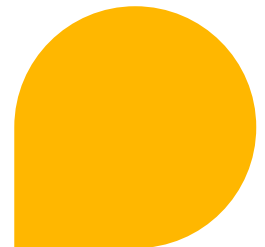
LRV: 59



Citron

56

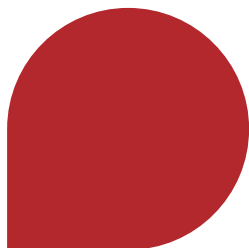
LRV: 80



Glow

215

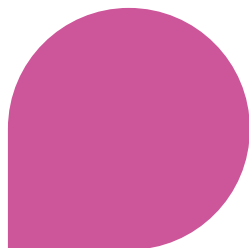
LRV: 50



Scarlett

221

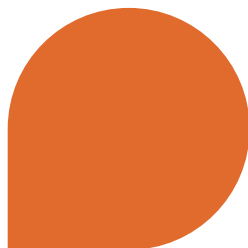
LRV: 13



Zandra

217

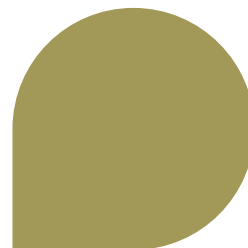
LRV: 24



Bergamot

220

LRV: 26



Olea

218

LRV: 28



EN15102:2007

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



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value

#### Dimensions

**W136:** 2500 x 1220mm

**W137:** 3000 x 1220mm

#### Format

**SHEET**

#### Thickness

**2.5mm**



#### Samples

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

**01462 707 700**

**samples@altro.com**



Whittington Hospital

## 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 hygienic 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.

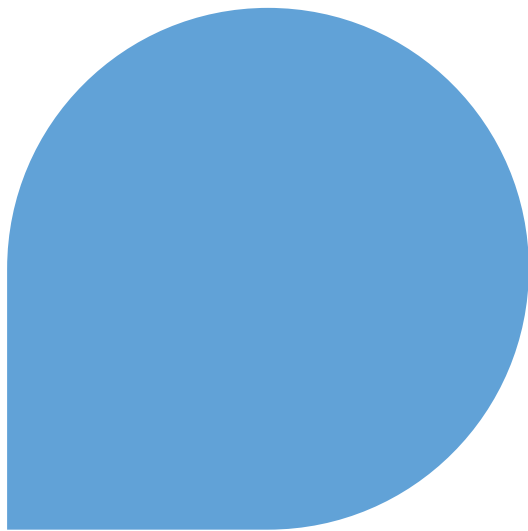


Looks great with:

- Altro Aquarius
- Altro Unity 25
- Altro Suprema
- Altro Wood Safety
- Altro Whiterock Digiclad

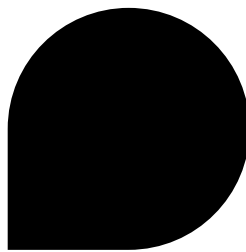
Please see technical chart on page 48 for full details.





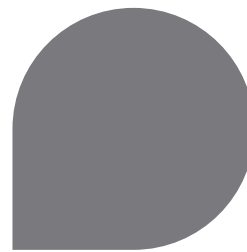
Slip Stream

6611V LRV: 36



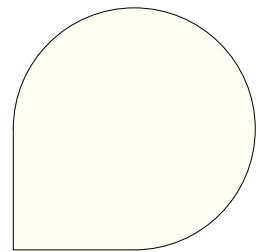
Liquorice

6612V LRV: 5



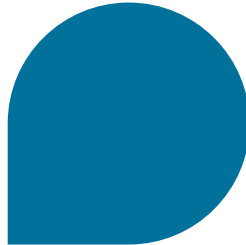
Distant Thunder

6634 LRV: 18



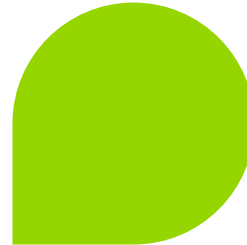
Pure Innocence

6601V LRV: 92



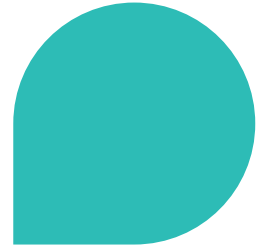
Night Fall

6622V LRV: 15



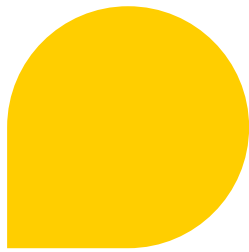
Key Lime

6635 LRV: 50



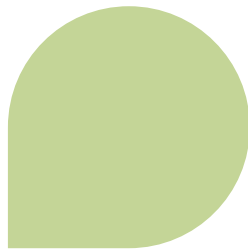
Sheer Glass

6609V LRV: 40



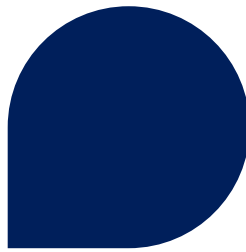
Taxi Cab

6636 LRV: 51



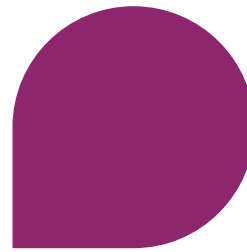
Eau De Chic

6605V LRV: 51



Ocean Deep

6637 LRV: 6



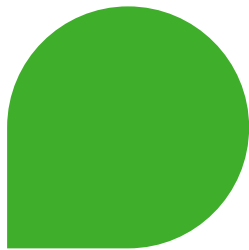
Feng Shui

6617V LRV: 9



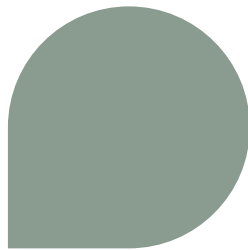
Shocking Pink

6616V LRV: 15



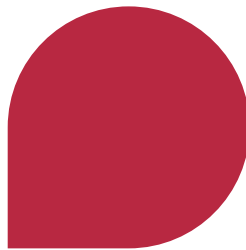
Hawaiian Palm

6638 LRV: 22



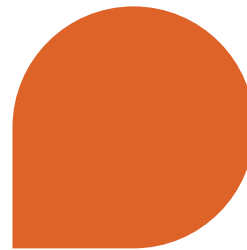
Ice Queen

6629V LRV: 36



Moulin Rouge

6618V LRV: 12



Juicy Lucy

6620V LRV: 20



EN15102:2007

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



For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value

## 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.

**01462 707 700**

**samples@altro.com**





NCH Ohio

## 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 Suprema
- Altro Wood Safety
- Altro Unity 25
- Altro Walkway 20
- Altro XpressLay



University College London Hospital




Hertfordshire NHS trust


## Order in 6 easy steps

- 1


You supply us with an illustrator or eps file of your image. minimum 300 dpi


- 2


Tell us the size of the area you need to cover


- 3


We advise you of the price


- 4

You place your order and receive a pdf


- 5

You approve the pdf and choose either a satin or gloss finish


- 6

Your Altro Whiteclad Digiclad image is ready within 21 working days of being approved



Dimensions  
2500 x 1220mm  
3000 x 1220mm

Format  
**SHEET**

Thickness  
**2.5mm**



Alfred Hospital

## 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.

### Standard sizes:

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

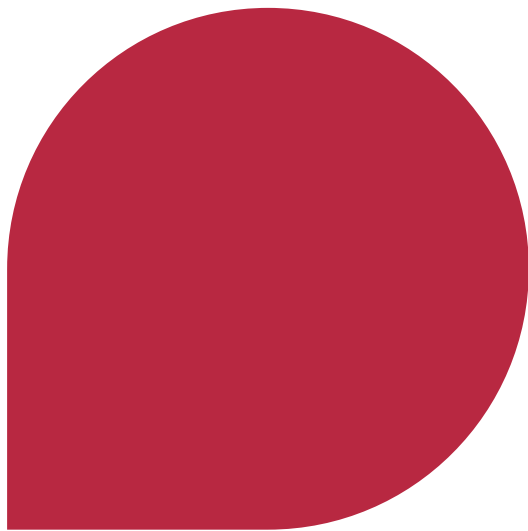
Ref SB14/..... 1220 x 500  
 Ref SB13/..... 1220 x 625  
 Ref SB2/..... 2500 x 305  
 Ref SB3/..... 1250 x 610  
 Ref SB12/..... 1220 x 833  
 Ref SB11/..... 1250 x 1220  
 Ref SB1/..... 2500 x 610

Dimensions  
**Cut size only, in mm**

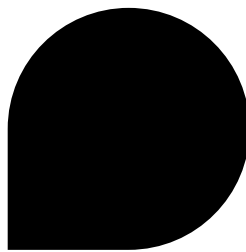
Format  
**SHEET**

Thickness  
**2.5mm**

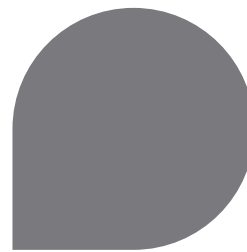


**Moulin Rouge**

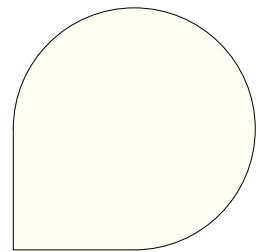
6618V LRV: 12

**Liquorice**

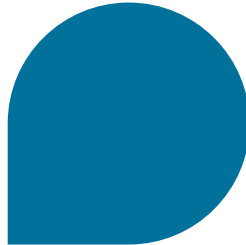
6612V LRV: 5

**Distant Thunder**

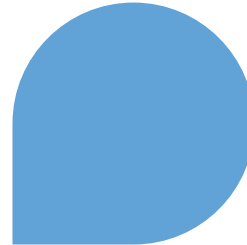
6634 LRV: 18

**Pure Innocence**

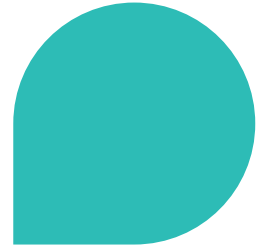
6601V LRV: 92

**Night Fall**

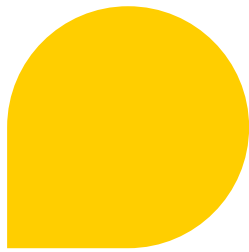
6622V LRV: 15

**Slip Stream**

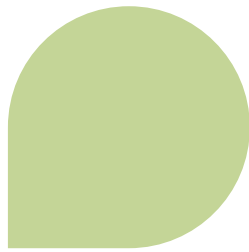
6611V LRV: 36

**Sheer Glass**

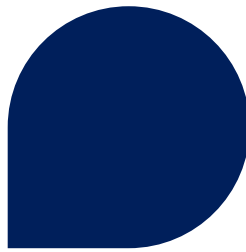
6609V LRV: 40

**Taxi Cab**

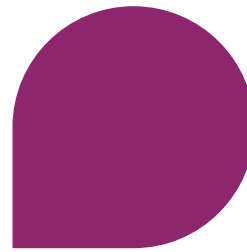
6636 LRV: 51

**Eau De Chic**

6605V LRV: 51

**Ocean Deep**

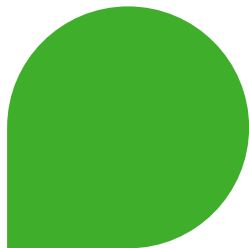
6637 LRV: 6

**Feng Shui**

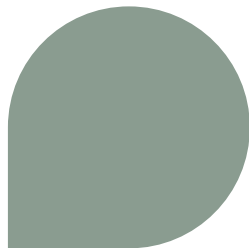
6617V LRV: 9

**Shocking Pink**

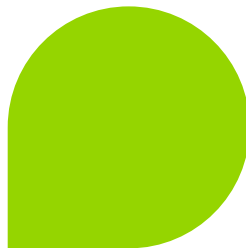
6616V LRV: 15

**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 54-55.



EN15102:2007

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



For a co-ordinated appearance, colour  
matched **Weldrods (WR)** and **Sealants**  
are available. See page 51.

LRV = Light Reflectance Value



Looks great with:

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

Please see technical chart on  
page 48 for full details.

**Samples**

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

☎ **01462 707 700**

✉ **samples@altro.com**



# Types of Altro Fortis wall protection

In public areas where feet, bags, equipment and wheels are a constant, maintenance can be ongoing and costly, and cleaning difficult. Altro Fortis is a system that offers seriously tough, 2.5mm thick protection for walls, doors and corners. It is perfect for education, health and retail where appearances matter. The Altro Fortis system keeps interiors safe from impact and scuff damage and looking good for longer.

## A complete solution

Altro Fortis can be used in conjunction with Altro 2.5mm safety flooring for an integrated tough and safe environment. It also works well with Altro Whiterock hygienic wall cladding, creating aesthetic consistency between hygienic and general areas.

## Tailored protection

The Altro Fortis system is available in three options to ensure protection exactly where needed:

**Altro Fortis Titanium™** wall protection / sheet

**Altro Fortis™** door protection (see page 77)

**Altro Fortis™** corner protection (see page 67)





## Altro Fortis Titanium™

Typical applications:

**Public areas subjected to high levels of traffic. Circulation areas. Corridors. Classrooms.**

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 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.

Available in ten colours, including muted and vibrant shades, Altro Fortis Titanium matches many of the popular shades from the Altro Whiterock Satins hygienic wall cladding range. This offers flexibility when it comes to design, making it a versatile solution across a range of areas. Plus the colour runs throughout, reducing the visibility of knocks or scrapes. Bespoke colour options are also available to meet any specific requirements\*.

With an impervious, easy-to-wipe surface, Altro Fortis Titanium improves cleanability which is a major advantage within its recommended application areas.

\* Conditions apply – please contact us for more information.



Looks great with:

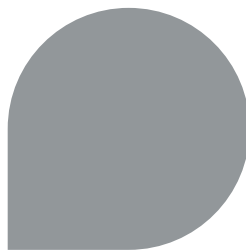
- Altro Fortis doorsets
- Altro Fortis door protection
- Altro Fortis corner protection
- Altro Classic 25
- Altro Unity 25
- Altro Whiterock White
- Altro Whiterock Satins
- Altro Whiterock Chameleon
- Altro Whiterock Digiclad

Please see technical chart on page 48 for full details.

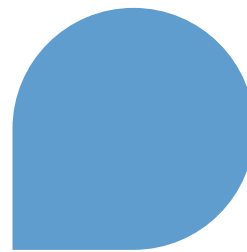




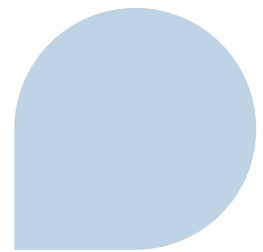
**Pearl**  
FT/41 LRV: 83



**Battleship**  
FT/208 LRV: 43



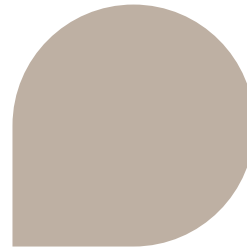
**Denim**  
FT/201 LRV: 32



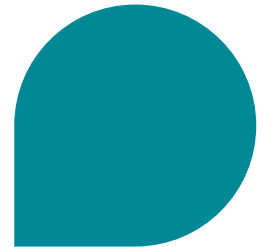
**Riviera**  
FT/207 LRV: 64



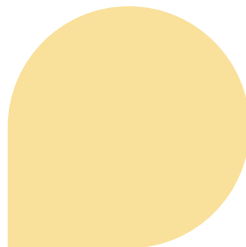
**Almond**  
FT/32 LRV: 70



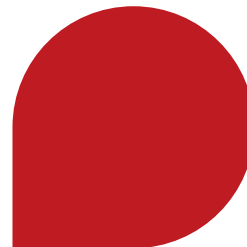
**Tan**  
FT/206 LRV: 41



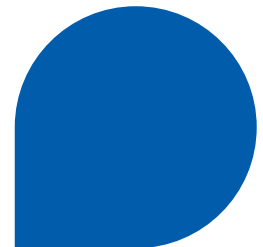
**Kingfisher**  
FT/213 LRV: 22



**Mustard**  
FT/222 LRV: 69



**Cardinal**  
FT/221 LRV: 13



**Oxford**  
FT/211 LRV: 10



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For a co-ordinated appearance, colour matched **Weldrods (WR)** and **Sealants** are available. See page 51.

LRV = Light Reflectance Value

Dimensions

**WFT: 3000 x 1220mm**

Format

**SHEET**

Thickness

**2.5mm**



#### Samples

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

**01462 707 700**

**samples@altro.com**



Ground  
Floor



## Altro Fortis™ corner protection

For extra protection on a wall's vulnerable corner, choose our ready-made Altro Fortis Titanium corner protection, part of the Altro Fortis system. If this isn't right for you, there is the option for you to thermoform from Altro Fortis Titanium cut sheet.

Available in all Altro Fortis Titanium colours, see page 65.

Dimensions: 1.22m x 75mm x 75mm.

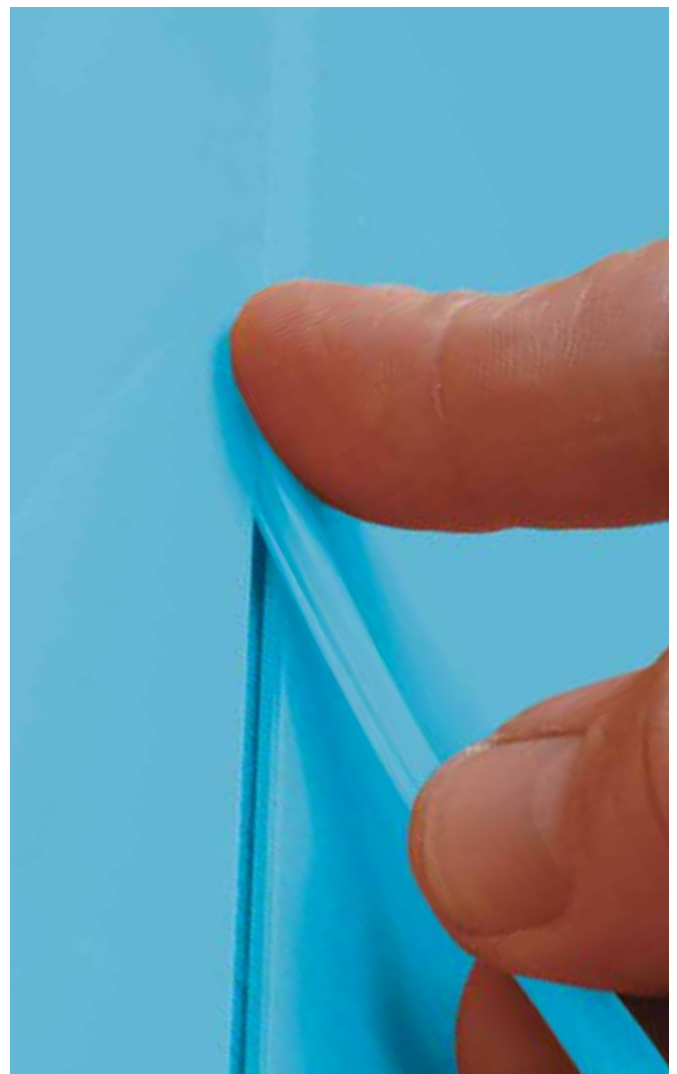


## Jointing

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 wall cladding can be secured using one of five 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.
5. **Altro Mastic XT:** a silicone sealant for use with Altro Fortis which dries harder than standard mastic, reducing build-up of dirt and making it easier to clean.



### Samples

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

☎ 01462 707 700

✉ [samples@altro.com](mailto:samples@altro.com)