



altro

the future is safer with altro



Altro Fortis™

Seriously tough protection for walls, doors and corners;
keeping your interiors safe from impact and scuff damage, and looking good for longer.

Introduction to wall, door and corner 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

The Altro Fortis system 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™

Altro Fortis door protection™

Altro Fortis corner protection™



Altro Fortis Titanium

wall protection / sheet

- 2.5mm thickness for extra protection and superior performance
- 3m x 1.22m sheets
- Cut-to-size sheets available to order
- Bevelled top edge colour matched trim, Altro FlexiTrim™, for dado height; reduces the build-up of dust or dirt. Supplied in 35m coils

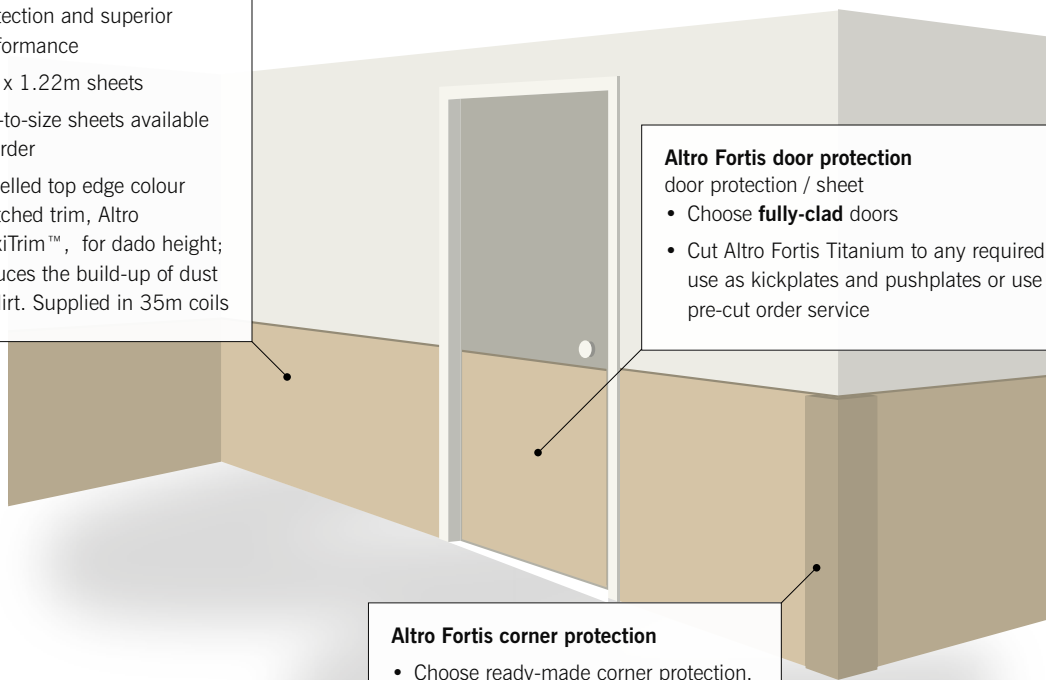
Altro Fortis door protection

door protection / sheet

- Choose **fully-clad** doors
- Cut Altro Fortis Titanium to any required size and use as kickplates and pushplates or use our pre-cut order service

Altro Fortis corner protection

- Choose ready-made corner protection, part of the Altro Fortis system
- 1.2m x 75mm x 75mm
- Option to thermoform





Altro Fortis Titanium wall protection / sheet

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.

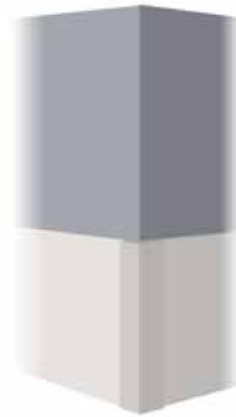
Available in ten colours, including muted and vibrant shades, Altro Fortis Titanium matches many of the popular shades from the Altro Whiterock Satins™ hygienic wall cladding range. This offers flexibility when it comes to design, making it a versatile solution across a range of areas. Plus the colour 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.

The Altro Fortis system is the saviour of busy public areas, where walls are constantly knocked, and has been explicitly developed to withstand the high levels of impact expected in these environments*.

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.



Altro Fortis door protection

Doors have it tough. The resulting wear and tear can be unsightly, cause costly maintenance and be hard to clean. That's where we come in... Not only are Altro Fortis door protection products robust, but they come in the full range of ten Altro Fortis Titanium colours, to complement your décor.



Doorsets

Typical applications:

Hospital corridors, school / university corridors and lobbies

This fully clad, custom-made option is perfect for public areas where doors are constantly in use and demand robust protection. Clad in the Altro Fortis Titanium sheet, these doorsets offer you optimum protection.



- Faced with Altro Fortis Titanium both sides and all edges
- Leading edges thermoformed for smooth round corner finish
- Hard-wearing, impact and scuff resistant, wipe clean finish
- Solid core doors, 49mm thick as standard. Altro Fortis Titanium 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, locks, latches and flushbolts, seals and ironmongery options
- Matching PVCu frame linings and plastic stops made to measure for existing openings
- 10 year warranty for Altro Fortis Titanium doorsets, which includes all parts of the door

Door protection panels

Typical applications:

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

In busy public areas, clad your existing doors to protect them where they need it most, helping prevent scuff and impact damage. Simply order the standard Altro Fortis Titanium sheet, and cut it to size, fitting it to the height you need. You can also cut it down to use as kickplates and pushplates. If you prefer, we can do the hard work for you, let us know the size you require and we'll cut it for you.



* Gardner Impact resistance: 131 in-lb

** Conditions apply. Please contact us for more information.

Altro Fortis can be used in conjunction with Altro Whiterock™ hygienic wall cladding, creating aesthetic consistency between hygienic and general areas.

Easy installation and maintenance

Altro Fortis is easy to install

- Large (3m) sheets allowing fewer joints plus easier transitions between areas
- Use Altro Mastic XT™ which dries harder than standard mastic, reducing build-up of dirt and making it easier to clean
- Option to use butt jointing or existing Altro Whiterock jointing system if preferred
- Does not need to be fully bonded

Regular cleaning using a soft cloth and AltroClean 44™, diluted according to its instructions, is all that is normally required.

Accessories

To order matching sealants and trims simply select from the list below and add the three digit colour reference number, under the swatch.

Altro FlexiTrim: FLEXTRIM / **XXX**

Altro Fortis corner protection: FT / **XXX** / E75x75

Colour co-ordinated Altro Mastic XT™: AXT / **XXX**

Altro Weldrod: WSR / **XXX**

For example, to order the accessories for Kingfisher, you would order:

Altro FlexiTrim: FLEXTRIM / **213**

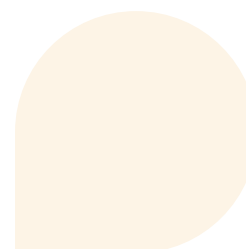
Altro Fortis corner protection: FT / **213** / E75x75

Altro Mastic XT™: AXT / **213**

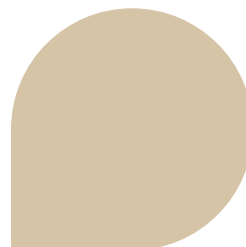
Altro Weldrod: WSR / **213**



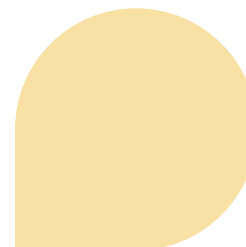
Pearl
FT/41 LRV: 83



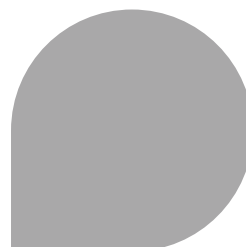
Almond
FT/32 LRV: 70



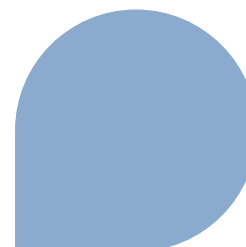
Tan
FT/206 LRV: 41



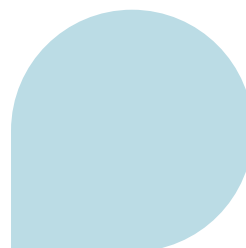
Mustard
FT/222 LRV: 69



Battleship
FT/208 LRV: 43



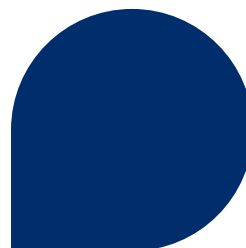
Denim
FT/201 LRV: 32



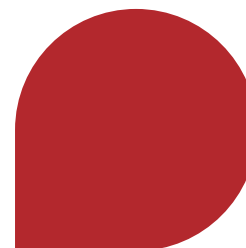
Riviera
FT/207 LRV: 64



Kingfisher
FT/213 LRV: 22



Oxford
FT/211 LRV: 10



Cardinal
FT/221 LRV: 13



LRV = Light Reflectance Value



Samples

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

☎ 01462 707 600

✉ samples@altro.com

Sustainability

Recowall™

In line with our commitment to sustainability, the products within the Altro Fortis system are manufactured using responsibly sourced materials. It is also 100% recyclable pre-installation which means any off-cuts can be recycled through the Recowall™ scheme. Clean off-cuts can be collected free of charge from dedicated collection sites around the UK and sent to be recycled into other PVC products, reducing waste sent to landfill.

For more information about Altro's recycling initiatives, please visit:

www.altro.co.uk/recycling

Supporting you

We have a global network of Altro consultants who are here to help, from initial enquiry, during installation and throughout the lifetime of the product. Our people have widespread technical, product and market knowledge and can give you expert guidance on specifying and installing our products.

We run regular training at our dedicated walls training school and offer on-site support during installation to provide information on detailing techniques.



Only a diamond is harder than the aluminium oxide and silicon carbide used in our 2.5mm safety flooring

Tough products for tough areas

The type of damage caused by heavy traffic, both feet and wheels, isn't limited to walls of course. The Altro Fortis system is the perfect partner for our 2.5mm safety flooring, providing you with a durable solution that will go the distance in tougher environments.

Altro 2.5mm safety flooring is harder wearing than ceramic tiles and quarry tiles

Taber treat (based on ASTM C501)

Combining Altro Fortis with Altro 2.5mm safety flooring offers a **complete, robust environment** that will protect both people and their surroundings.

Altro 2.5mm safety flooring is 25% thicker than 2mm safety flooring and this 0.5mm makes all the difference, offering

- Resistance to impact damage, mechanical / physical damage and point loading
- Enhanced durability for heavy duty areas with intense use, as with Altro Fortis
- Resistance to foot and wheeled traffic
- Subfloor protection: Minimising, and even preventing, damage

For further information on this exciting range, its accessories and our complementary 2.5mm safety flooring, search for Altro Fortis on line.

Altro Limited, Works Road, Letchworth Garden City, Hertfordshire SG6 1NW.

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