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## Frequently Asked Questions

### Altro Fortis Titanium™

#### What is this new product you are introducing?

This new product is a system that offers seriously tough, 2.5mm thick protection for walls, doors and corners. It is a new range of protective wall cladding, door protection and corner protection that will work with the existing Altro Whiterock range to extend the scope of the Altro Wall Cladding and doorsets range. It offers improved protection in areas where the need for a hygienic wall protection solution is not as important as the need for impact and scuff protection.

#### What is the product called?

The system is called Altro Fortis. The Altro Fortis wall protection sheet is called Altro Fortis Titanium. The range also includes Altro Fortis door protection and Altro Fortis corner protection.

#### Why not Altro Whiterock Titanium?

The name Whiterock is synonymous with hygiene and as this product's primary function is protection. The product 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.

- Altro Whiterock offers an ultra-hygienic wall protection solution
- Altro Fortis Titanium offers an increased level of wall protection, plus options for door and corner protection.

#### Why choose this name?

Fortis is a name that means strength and this is the generic name we have given to our wall protection range. The name Titanium relates to the emboss texture that we are using on this particular product

#### How am I going to stick it to the wall?

We recommend that the Altro Fortis Titanium is fully bonded to the substrate using the same adhesives that are used for the Altro Whiterock range. The fully bonded application ensures that the sheet is securely mounted to the wall and also helps to increase the level of impact resistance.

#### How good does the Substrate need to be?

To gain a good key for the adhesive the wall will need to be sound, dry and grease and dust free. As a guide, the same substrate quality and cleanliness as the current Altro Whiterock installation process, as well as the same good working practices should be followed. Full fitting instructions are available from Altro.

#### How am I going to joint it

All existing jointing methods are available but in addition we are offering a harder version of the popular Altro Mastic, Altro Mastic XT, which can be used to joint the sheet. We also have developed a flexible top edge trim that removes the potential for a horizontal dust trap on the top edge of the sheet. The top edge of the sheet can also be bevelled, either on site or prior to delivery by Altro. This bevelled edge also removes the potential horizontal shelf that can be a dirt and dust trap. We would also recommend welding as a very secure jointing method.

- New trims are:
  - Flexible colour matched top edge trim, Altro FlexiTrim
  - Bevelled top edge to the sheet. (pre bevelled or bevelled on site)
  - Harder mastic

#### Where does Altro think this material will be installed?

Busy public and service areas. Non clinical areas in healthcare, i.e. corridors. Also in education in classrooms and corridors as well as in retail in both front and back of house areas as well as many other areas.

#### Is the Altro Fortis system hygienic in the same way that the Altro Whiterock range is?

Altro Fortis Titanium is more Hygienic than a lot of other wall finishes such as ceramic tiles but the texture used on the surface of the material to help prevent scratches and scuffs showing is not as ultra-hygienic as the smooth surface of the Altro Whiterock sheet. Where hygiene is critical such as clinical areas, kitchens, bathrooms, we would always recommend Altro Whiterock as its smooth, easy to clean surface and fully bonded installation gives you the best hygienic solution for your walls. The textured surface of Altro Fortis makes it less suitable in these critical hygiene areas and for Healthcare in particular where the HBN state that a smooth finish must be used.

## Why are you not supplying any bump bars or hand rails?

The Altro Fortis system is an evolution of our wall cladding sheet business and we are increasingly finding that bump bars are not necessary where you have sheet to protect the walls. We are seeing an increasing trend to move away from the use of bump bars and hand rails in a lot of installations. These are sometimes unnecessary and can be expensive as well as being dirt traps. Occasionally there are areas that are required to have hand rails but in these instances there are many suppliers of suitable hand rails.

In addition we are specialists in wall cladding sheet. This is what we do well and we are focussing on this.

## Are there any accessories?

We are offering a pre formed corner protection strip that is made from a cut section of the sheet. This can be supplied in a set size, 1.22m height with a 75mm return or a variety of bespoke sizes can be fabricated on site.

We do offer a range of colour coded trims and mastics to help with jointing

## How does it compare to other wall protection sheet on the market today?

The Altro Fortis system is very competitive, the sheet is thicker and more robust than many other sheets on the market and also, at 3m wide, it is larger than most other sheets meaning that there are less joints to seal. The product is also positioned very competitively compared with other sheet material and all supported by the high level of quality, service and support that you have come to expect from Altro.

## How many and what colours?

There are 10 colours in the range; these are taken from the existing smooth Altro Whiterock Satins range meaning that it is easy to transition between the two ranges depending on your need.

Additional colours can be supplied, either from the rest of the Altro Whiterock Satins range or bespoke colours to your exact needs. Minimum order criteria may apply so please contact Altro for further information.

Altro Whiterock Satins	Altro Fortis Titanium		
	Colour name	Part number	LRV
Linen	Pearl	FT / 41	83
Oyster	Almond	FT / 32	70
Fawn	Tan	FT / 206	41
Daybreak	Mustard	FT / 222	69
Echo	Battleship	FT / 208	43
Clarity	Riviera	FT / 207	64
Flint	Denim	FT / 201	32
Vibrance	Kingfisher	FT / 213	22
Scarlett	Cardinal	FT / 221	13
Ozone	Oxford	FT / 211	10

## Do Altro supply doorsets utilising the Altro Fortis Titanium sheet?

Yes. We do supply doorsets utilising the Altro Fortis Titanium sheet. This material is used to clad a doorset in exactly the same way that an existing Altro Whiterock hygienic doorset. The material can also be cut to any size to offer door protection panels, including kick and push plates. Please contact Altro for further details.

## Can Altro Fortis Titanium be used in conjunction with Altro Whiterock Digiclad?

Yes, the material can be printed on with great effect and can be used to create some stunning interior finishes.

## Has the product been installed anywhere?

As part of the development of the material we have installed the material in a variety of installation area types and sites. Please contact Altro for further details.

## Can Altro Fortis Titanium be thermoformed?

Yes, this material performs in the same way that the existing Altro Whiterock sheet does. As a result the material can be formed into and around corners leading to a very secure and seamless installation.

## **What is the emboss pattern to be used with the Altro Fortis Titanium sheet?**

It is a very fine emboss that has been developed so that it is very easy to clean but still has the required surface texture to effectively help disguise and hide scuffs.

## **How will the Altro Fortis Titanium sheet be delivered, rolled or flat sheet?**

The Altro Fortis Titanium sheet will be supplied in flat sheets only so that is guaranteed to be flat when you are installing it rather than have a curve as a result of being rolled.

## **What size is the Altro Fortis Titanium available in?**

The material is 2.5mm thick and 3.0m x 1.22m is size. A cut sheet service is also available from Altro. Please contact Altro for further details.

## **Will there be an Altro training course for this material?**

Yes. Altro will be incorporating the installation techniques required for the Altro Fortis Titanium product as part of the Wall cladding installation course at the training school at Altro.

## **How will it be sampled**

We have a swatch set showing the colours and texture as well as A5 sample pieces. Please contact Altro for further information.

## **What is the warranty for the Altro Fortis Titanium sheet?**

The warranty for the Altro Fortis Titanium sheet and Altro Fortis corner protection is the same as the Altro Whiterock wall cladding sheet at 20 years. Altro Fortis Titanium doorsets have a ten year warranty, which covers all parts of the door.