

# Introduction to types of resins

## Coatings for light duty areas

### AltroSeal™ / AltroCoat™

Seal the deal with AltroSeal and AltroCoat. They provide a tough chemical and abrasion resistant, 100 - 180 micron two-coat finish for light duty areas. They are often used for dust suppression or sealing of otherwise open substrates, or as additional seal coats for thicker resin systems. Seals and coatings are suitable for moderate pedestrian traffic such as stores and plant rooms but will not be sufficient to hide substrate imperfections or texture.

## Coatings for light to medium duty areas

### AltroShield™ SF / AltroTect™

Add a splash of colour to your floors and walls. Altro resin high-build coatings are used to treat concrete and other floor substrates, or finished walls to create a tough chemical and abrasion resistant 300 – 500 micron two-coat finish for light to medium duties. These high-build coatings add wear resistance and colour to provide a floor finish for environments such as warehouses and workshops.

## Multi-layer coating systems (for medium to heavy duty areas)

### AltroCast™ / Altro Mosaic™

Combine layers to create a floor perfect for your environment. Appropriate for moderate to heavy pedestrian traffic and intermittent wheeled traffic, multi-layer coating systems provide you a variety of single colour or decorative effects with a choice of textures. Using a base of high-build coloured epoxy coating, aggregates or flakes are added, and then sealed with coloured or clear epoxy with a choice of textures and slip-resistance values, suitable for a variety of medium-duty areas with occasional heavier use.



for more information.

## Epoxy flow

### AltroFlow™ EP

Flow systems are perfect for a smooth finish. They combine resin and fine aggregates to create a screed system which is applied by trowel or specialist rake. They are designed to flow freely, helping to reduce the appearance of trowel marks, but should not be regarded as entirely self-levelling. The surface of epoxy flow-applied systems is relatively smooth, with a high-gloss which reduces with abrasion associated with wear. A matt finish can also be provided to disguise this. Flow systems are typically applied in depths from 1mm to 3mm.

## Epoxy screeds

### Altro TB Screed™ / Altro TB Screed Rapicure™ / AltroScreed Quartz™ EP / AltroScreed Quartz Boutique™ / AltroScreed Quartz Rapicure™ / Altro SoloSafe™ / Altro Multiscreed™ EP Naturals / Altro Terrazzolite™ EP

If you need a floor that is tough yet good looking, epoxy screeds give you both. They contain a higher percentage of aggregate than thinner systems, to provide greater depth and strength. Altro epoxy screeds are trowel-applied at depths of 3mm or greater using decorative aggregates bound in clear resin to create a variety of attractive durable floors, for medium duty areas for wheeled traffic or heavier duty pedestrian areas.

## Grip systems

### AltroGrip™ EP / AltroGrip Quartz™ / Altro TB + Cast™ / AltroGrip™ PU

Frequent spills or floors with an incline, grip systems can keep you steady on your feet. Altro grip systems provide you with a floor with superior slip resistance. The addition of slip-resistant aggregate to the surface of a flow-applied resin or a trowel applied screed adds safety under-foot. The size of the surface aggregate determines the extent of the slip resistance. The surface is then sealed with clear or coloured resin. We offer a variety of systems with differing thickness to suit environments from light duty to heavy duty, so whatever your activities, we can keep your users safe.

## Polyurethane systems

### AltroCrete PU Excel™ / AltroFlow™ PUM / AltroCrete™ PU Fast-Track

Expect a lot from your floor? Altro polyurethane screeds can handle the pressure. These functional resins are designed for industrial food and drink manufacture, high output kitchens and other general industrial applications. Available in self-smoothing

or textured format, they can be laid in a variety of depths for medium to heavy duty. The Altro PU range has been shown to meet the requirements of the European Parliament Regulation (EC) No 852/2004 on the hygiene of foodstuffs.

## Flexible systems

### Altro Flexiflow™

If you need a floor that goes with the flow, yet is tough, durable and of course, flexible, Altro Flexiflow makes the grade. It is a self-smoothing floor able to tolerate a degree of structural movement spanning subfloor joints to provide a completely seamless finish.

The UV stable top coat can be supplied in either smooth or slip-resistant variants, for a balance between safety and ease of cleaning. It can be renewed or refreshed as the surface shows signs of traffic during the life of the product.

Altro Flexiflow comfort option provides enhanced levels of comfort underfoot whilst the acoustic option offers reduced foot traffic noise and more extensive tactile cushioning.

## Static control

### AltroStat™ SD / AltroScreed Quartz™ EP SD

When safety for potentially hazardous or electronically sensitive equipment is a priority, Altro static dissipative resins are just the job. They provide all the performance benefits of epoxy resin flooring. These surfaces are often installed over a perimeter ring (or grid) of conductive tape which can be connected to electrical earth, to control the passage of electrostatic charge through an in-built path with resistance of between  $5 \times 10^4$  and  $2 \times 10^6$  ohms.

## Vertical systems

### AltroSeal™ UVR / AltroCoat™ V / AltroTect™ V / Altro TB Screed™ / Altro Mosaic™

Don't climb the walls trying to find a solution for your challenging environment. These ranges for walls provide a highly durable, hygienic and chemically-resistant finish. Typical uses include laboratories, secure / custodial units, healthcare environments, sport and defence establishments. Where other walls surfaces will fail, our vertical systems will provide you with the performance you need.

## Resin floor classifications

The Federation of Resin Formulators and Applicators (FeRFA) has produced a classification system to help you compare resin products from different sources. Our resins are classified in accordance with this system.



### The Federation of Resin Formulators and Applicators resin flooring classification

Type	Name	Description	Duty	Typical thickness
1	Floor seal	Applied in two or more coats. Generally solvent or water borne.	LD	up to 150µm
2	Floor coating	Applied in two or more coats. Generally solvent-free.	LD / MD	150µm to 300µm
3	High build floor coating	Applied in two or more coats. Generally solvent-free.	MD	300µm to 1000µm
4	Multi-layer flooring	Aggregate dressed systems based on multiple layers of floor coatings or flow-applied floorings, often described as 'sandwich' systems.	MD / HD	>2mm
5	Flow applied flooring	Often referred to as 'self-smoothing' or 'self-levelling' flooring and having a smooth surface.	MD / HD	2mm to 3mm
6	Resin screed flooring	Trowel-finished, heavily filled systems, generally incorporating a surface seal coat to minimise porosity.	MD / HD	>4mm
7	Heavy duty flowable flooring	Having a smooth surface.	HD / VHD	4mm to 6mm
8	Heavy duty resin flooring	Trowel-finished, aggregate filled systems, effectively impervious throughout their thickness.	VHD	>6mm

Light Duty (LD) - light foot traffic, occasional rubber tyred vehicles

Medium Duty (MD) - regular foot traffic, frequent fork truck traffic, occasional hard plastic wheeled trolleys

Heavy Duty (HD) - constant fork lift truck traffic, hard plastic wheeled trolleys, some impact

Very Heavy Duty (VHD) - severe heavily loaded traffic and impact

## Product selection and application guide



Cornwall Sports

Selection criteria	AltroSeal UVR	AltroCoat	AltroShield SF	AltroTect	AltroCast	Altro Mosaic	AltroFlow EP	Altro Flexiflow	Altro TB Screed / Rapicure	AltroScreed Quartz EP
<b>Thickness</b>	90 - 180 microns	180 microns	340 microns	350 - 500 microns	1.25 mm	1 - 1.5 mm	1 - 3 mm	2 mm (6mm acoustic option)	3 mm	4 - 6 mm
<b>Warranty</b>	2	2	2	2	6	6	6	6 - 10	6	10
<b>Life expectancy</b>	5	5	5	5	10	8	10	40*	15	15
<b>FeRFA category</b>	1	2	3	3	N/A	4	5	5	N/A	6
<b>Impact resistance</b>	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Good	Good / excellent	Good	Good / excellent
<b>Wear characteristics</b>	Light duty	Light duty	Light / medium duty	Medium duty	Medium duty	Medium duty	Medium / heavy duty	medium duty	Medium duty	Medium / heavy duty
<b>Potential for slip</b>	Moderate	Moderate	High	Moderate	Low	Moderate	High	Low / moderate	Moderate	Moderate
<b>Service temperature</b>	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +30°C	Min 0°C Max +60°C	Min 0°C Max +60°C
<b>Hygiene</b>	Excellent	Excellent	Excellent	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent
<b>Ease of cleaning</b>	Easy	Easy	Easy	Easy	Moderate	Easy	Easy	Excellent	Easy	Easy
<b>Chemical resistance</b>	High	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
<b>Application method</b>	Roller	Roller	Roller	Roller	Roller	Roller	Trowel	Trowel / roller	Trowel	Trowel



Estádio José Alvalade

AltroScreed Quartz Rapicure	Altro SoloSafe	Altro Multiscreed Naturals	Altro Terrazzolite EP	AltroGrip EP	AltroGrip Quartz EP	AltroGrip PU	Altro TB + Cast	AltroFlow PUM	AltroCrete PU Excel / Fast Track	AltroStat SD	AltroScreed Quartz EP SD
5mm	5 mm	4 mm	6 mm	2 - 6 mm	2 - 6 mm	4 mm	4.5 mm	2 - 4 mm	5 - 8 mm	3 mm	4 mm
10	10	10	10	6 - 10	10	10	10	6	15	6	10
15	20	15	15	10 - 15	10 - 15	15	15	10 - 15	20	10	15
6	6	6	6	4	4	4	4	7	8	5	6
Good / excellent	Good / excellent	Good / excellent	Good / excellent	Good / excellent	Good / excellent	Good / excellent	Good / excellent	Good / excellent	Excellent	Good	Good / excellent
Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Medium / heavy duty	Heavy duty	Very heavy duty	Medium / heavy duty	Medium / heavy duty
Low	Low	Low	N/A	Low	Low	Low	Low	Low	Low	High	Moderate
Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min 0°C Max +60°C	Min -40°C Max +60°C	Min 0°C Max +60°C	Min -40°C Max +60°C	Min -40°C Max +120°C	Min 0°C Max +60°C	Min 0°C Max +60°C
Excellent	Good	Excellent	Good	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Excellent	Good	Excellent	Excellent
Easy	Moderate	Easy	Moderate	Moderate	Moderate	Moderate	Moderate	Easy	Moderate	Easy	Moderate
Moderate	Moderate	Moderate	Low	Moderate	Moderate	High	Moderate	High	High	Moderate	Moderate
Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel	Trowel

\* Top coat may need to be refreshed during the life of the product.





Bermondsey Kappacasein

## AltroSeal™

Typical applications:

**Packing areas. Pharmaceutical. Craft and design rooms. Defence. Laboratories.**

### AltroSeal UVR-WB

#### FeRFA type 1

Don't want a shiny floor? No problem – get a smart matt finish with this cosmetic seal coat. A twin-pack, water-borne, polyurethane, clear resin matt seal, it goes on top of our epoxy resin systems with approximately 50 microns per coat.

### AltroSeal UVR

#### FeRFA type 1

Resistant to a wide range of chemicals and UV light, this resin seal with a flat-silk finish is ideal for light-duty areas where chemical spillage is likely. It can also be used as a final seal coat to give extra chemical resistance to epoxy resin systems. A twin-pack, solvent based polyurethane resin seal, it has approximately 90 microns per coat. It is available in coloured and clear.

### AltroSeal UVR Plus

Offering all the benefits of AltroSeal UVR but with the added advantage of slip-resistance, AltroSeal UVR Plus includes a micaceous mineral which lightly textures the surface.

## AltroCoat™

Typical applications:

**Warehousing storage. Vehicle workshops.**

### AltroCoat

#### FeRFA type 2

Need a moisture-tolerant epoxy coating? Look no further. AltroCoat is specially designed to tolerate construction moisture and is ideal for use on newly-installed cementitious substrates. A cost-effective, fast-track solution, AltroCoat cleverly allows moisture vapour to leave the substrate while forming a barrier against contamination from above. Twin-pack AltroCoat is a water-miscible epoxy resin and provides a flat-silk finish with approximately 90 microns per coat. It is available in coloured and clear.

### AltroCoat Plus

Offering all the benefits of AltroCoat but with the added advantage of slip-resistance, AltroCoat Plus includes a micaceous mineral which lightly textures the surface.

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147



FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium sulphate screeds to be suitable for overlayment with resin floor finishes. Other colours may be made to order, lead time and charges may apply.

UVR technology reduces the effect of UV light on long-term colour stability; however, pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining particularly on premature or prolonged contact with chemicals including water.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

LRV = Light Reflectance Value



#### Samples

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

+44 (0) 1462 707 600

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



† Safety colours for small demarcation areas only, a white undercoat should be used and additional coats may be required, please refer to Altro. \* Non-standard cost options



KLM Norwich Airport

## AltroShield™ SF

Typical applications:

**Storage areas. Warehouses. Aviation hangars.  
Light industrial premises.**

### FeRFA type 3

This glossy resin coating provides a tough surface with excellent resistant to chemicals and abrasion. AltroShield SF is a twin-pack, solvent-free, high-build epoxy resin that's designed to be applied directly to the substrate in two coats with a nominal thickness of 340 microns.

## AltroTest™

Typical applications:

**Packing areas. Warehousing storage.  
Vehicle workshops. Defence.**

### FeRFA type 3

A resin coating with a gloss finish, AltroTest is highly resistant to chemicals and abrasion. Choose from a wide range of colours or create your own with bespoke options. This twin-pack, solvent-free, high-build epoxy resin has a nominal thickness of 350 to 500 microns and should be applied in two coats directly to the substrate.

## AltroTest Plus

Offering all the benefits of AltroTest but with the added advantage of slip-resistance, AltroTest Plus includes a micaceous mineral which lightly textures the surface.

**Important:** Altro resins provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer from scratching, chemical attack or staining. Please contact Altro for further information.


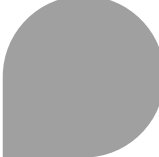




Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147

## AltroTest colour chart

AltroTest is also available in clear

 Cloud LRV: 50	 Doe LRV: 35	 Winter Grey LRV: 19	 Black LRV: 0.5	 Burnt Chocolate LRV: 5	 Wine Red LRV: 6	 Magenta LRV: 10
 Dawn LRV: 42	 Flint LRV: 28	 Wedgewood LRV: 20	 Sark LRV: 10	 Indigo LRV: 3	 Ramone LRV: 32	 Ruby LRV: 8
 Gunmetal LRV: 23	 Norfolk LRV: 20	 Magic LRV: 10	 Cyprus LRV: 21	 Spruce LRV: 29	 Ranch LRV: 16	 Tropic LRV: 15
 Topaz LRV: 42	 Toast LRV: 26	 Portland Grey LRV: 43	 Patina LRV: 11	 Jade LRV: 28	 Safety Yellow*† LRV: 53	 Safety Red*† LRV: 12

## AltroShield SF colour chart

 Light Grey LRV: 47	 Mid Grey LRV: 33	 Dark Grey LRV: 22	 Blue LRV: 23	 Green LRV: 19	 Red LRV: 12
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Pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

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Billing Aquadrome

## AltroCast™

Typical applications:

**Changing areas. Showers. Bathrooms. Bars. Cellars.**

### FeRFA type N/A

Need to meet slip resistance legislation requirements for wet conditions? AltroCast is fully compliant with BS8204 2008 Part 6 – 6.6 and 11.5.

A solvent-free, epoxy resin combination system, it's created with AltroTect epoxy coating and a quartz aggregate. This gives a durable, textured gloss surface which is available in either single or multi-coloured decorative finishes, with a nominal system thickness of 1.25mm.

**AltroCast single colour** – A full scatter of single-colour quartz aggregate is added to AltroTect Coloured and finished with two coats of AltroTect coloured epoxy resin (standard colour chart on page 117 or bespoke colours).

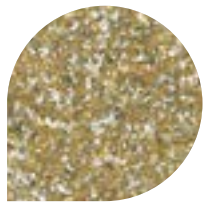
**AltroCast multi-colour** – A full scatter of AltroCast decorative aggregate is added to AltroTect Coloured, then sealed with two coats of AltroTect Clear epoxy resin to maintain the multi-coloured appearance. Please see the colour chart on page 119.

Please see product selector on pages 112-113 for full details.

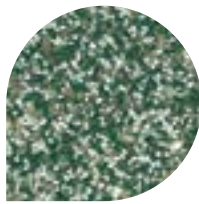
For technical lay-up drawing see pages 146-147



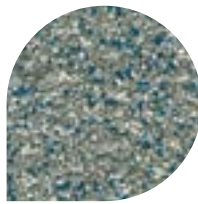
## AltroCast colour chart



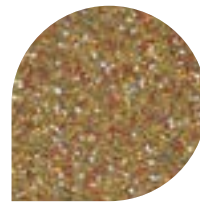
**Tweedsmuir**  
LRV: 20



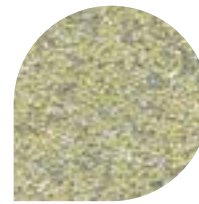
**Exmoor**  
LRV: 15



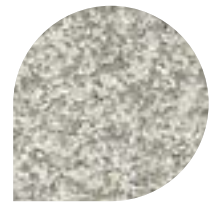
**Highland**  
LRV: 22



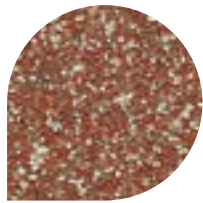
**Dartmoor**  
LRV: 15



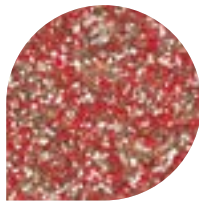
**Mendip**  
LRV: 34



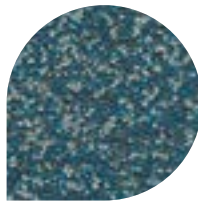
**Southdown**  
LRV: 36



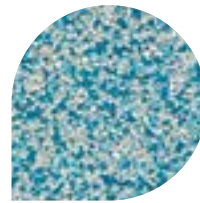
**Brecon**  
LRV: 12



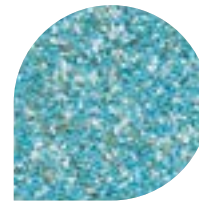
**Sidlaw**  
LRV: 15



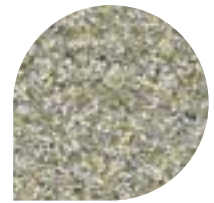
**Malvern**  
LRV: 10



**Wicklow**  
LRV: 26

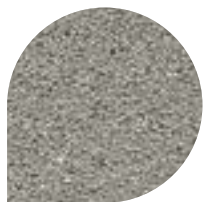


**Cuillin**  
LRV: 30



**Peak**  
LRV: 22

## AltroCast Natural colour chart



**Mountain**  
LRV: 17



**Rock**  
LRV: 30



**Dune**  
LRV: 28



**Desert**  
LRV: 29



**Cliff**  
LRV: 32



**Ravine**  
LRV: 11



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Please consult Altro for chemical resistance details.

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Kingsdale School

## Altro Mosaic™

Typical applications:

**Communal areas. Walkways. Corridors. Dining areas. Canteens.**

### FeRFA type 4

Vibrant, textured and glossy or subtle, smooth and matt? The choice is yours with these two distinctly different systems that encapsulate decorative acrylic flakes in solvent-free, AltroTect Clear epoxy resin with a nominal thickness of 1.25mm.

#### Altro Mosaic Texture

Providing a textured, high-gloss finish, a full scatter of multi-coloured paint flakes is added to AltroTect Coloured and sealed with two coats of AltroTect Clear.

#### Altro Mosaic Glaze

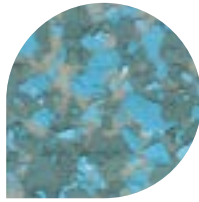
For a glazed, matt finish, a full scatter of multi-coloured paint flakes is added to AltroTect Coloured, then sealed with three coats of AltroTect Clear and a final seal of AltroSeal UVR-WB.

Please see product selector on pages 112-113 for full details.

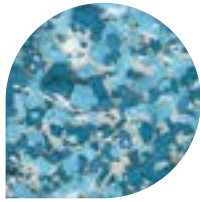
For technical lay-up drawing see pages 146-147



**Cumulus**  
LRV: 40



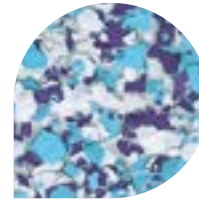
**Squall**  
LRV: 19



**Rain**  
LRV: 23



**Daylight**  
LRV: 34



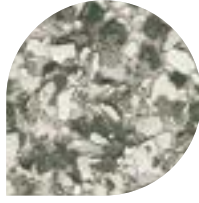
**Tropical**  
LRV: 32



**Forties**  
LRV: 27



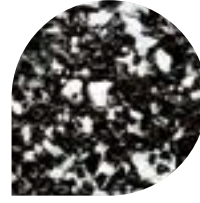
**Mist**  
LRV: 35



**Isobar**  
LRV: 11



**Solstice**  
LRV: 19



**Equinox**  
LRV: 15



**Haze**  
LRV: 23



**Levanter**  
LRV: 35



**Sandstorm**  
LRV: 10



**Nimbus**  
LRV: 6



**Thunder**  
LRV: 10



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British American Tobacco

## AltroFlow™ EP

Typical applications:

**Packing areas. Storage. Pharmaceutical. Metal fabrication.  
Defence. Healthcare.**

### FeRFA type 5

When you need a floor that goes with the flow, AltroFlow EP is a winner. It is a three-part solvent-free, epoxy resin system for application to level floors. Regularly installed in commercial, pharmaceutical and industrial dry-process environments, it provides good chemical and impact resistance. It is an easily cleaned, smooth, seamless surface providing a classy high gloss finish in 26 colours. AltroFlow EP comes in a choice of thickness of 1mm, 2mm and 3mm to suit the texture of the substrate. So no matter what your requirements, AltroFlow can give you the surface you need.

Modified AltroFlow systems are available where slip-resistance is required. Please see AltroGrip EP and AltroGrip Quartz. For a static dissipative alternative see static control section.

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147





FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

In common with other single colour high gloss finishes, AltroFlow EP may exhibit scratching with traffic and abrasion, this is particularly prominent in darker colours. To minimise this effect various options are available i.e. correct maintenance and entrance matting. Please contact Altro sales for more information.

Bespoke colours may be available to order, a special grade of aggregate is required for lighter or more vibrant colours, lead-time and charges may apply. Pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

LRV = Light Reflectance Value



### Samples

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

+44 (0) 1462 707 600

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







## Altro Flexiflow™

### FeRFA type 5

Need a floor that is tough enough to handle high impact yet be flexible enough to move with your building? You can overlay day joints with it and it takes up building movement so you can also apply it over existing expansion joints, within certain tolerances\*. It gives a uniform and seamless finish with uninterrupted lines. Self-levelling, it makes installation easy. With 28 colour options it's flexible enough to fit into your design vision too.

Its matt, resistant finish provides long term appearance retention. With its PUR top coat it provides UV colour stability, durability and ease of cleaning. A slip-resistant option is also available.

With AltroProof Solo™ primer, you can lay Altro Flexiflow over green concrete allowing for speedier installation. Its flexible nature makes it more tolerant of a variety of substrates, resulting in less risk of remedial work.

Created with over 50% renewable natural oil content, it reduces your carbon footprint. It has very low VOCs for a healthier, greener building.



Please see product selector on pages 112-113 for full details. For technical lay-up drawing see pages 146-147



You can get Altro Flexiflow in three options.

#### Standard

The **standard** version combines flexibility with high levels of robustness.

#### Typical applications:

- medium duty industrial premises with rolling loads, eg corridors, workshops, production areas, mezzanine decks
- pharmaceutical, mortuaries, clean rooms
- CDT areas, circulation / display / exhibition areas, museums, markets, heavy commercial areas, offices

#### Comfort

The **comfort** version combines robustness with flexibility and comfort underfoot. Perfect for environments where people are on their feet all day.

#### Typical applications

- light production areas, laboratories, operating theatres
- aged care facilities, mental health seclusion rooms and low stimulus rooms
- retail, museums, galleries, atria

#### Acoustic

The **acoustic** option satisfies the requirement E4 of Building Regulations and BB93 acoustic design of schools. It also has the comfort factor. Quiet *and* comfortable? Perfect for all areas, from noisy schools to quiet libraries.

#### Typical applications

- music rooms, libraries, quiet rooms
- schools / tertiary education corridors on the first floor or above to help minimise noise impact on lower level rooms
- general purpose school halls, assembly rooms

As with all our resins, flexibility is key in your design and colour. So if you require a bespoke shade or a topcoat for added slip resistance, just call. We're here to help.

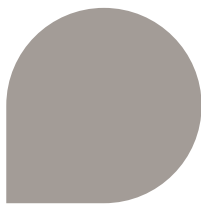
*\* For application over building expansion joints, details of percentage elongation may be required. These can be provided by the appointed structural engineer. In the case of structural movement joints you may still need to bring the joint through the surface.*



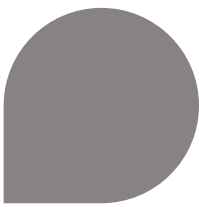




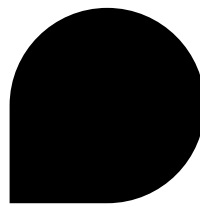
Cloud  
LRV: 48



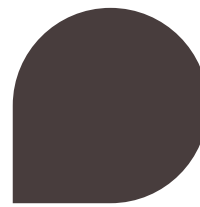
Doe  
LRV: 35



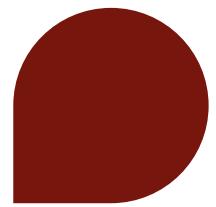
Winter Grey  
LRV: 22



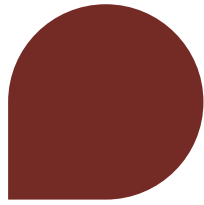
Black  
LRV: 3



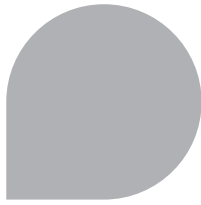
Burnt Chocolate  
LRV: 5



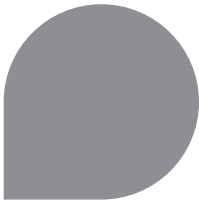
Wine Red  
LRV: 9



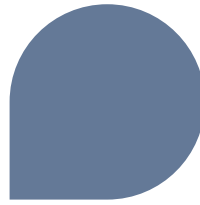
Magenta  
LRV: 14



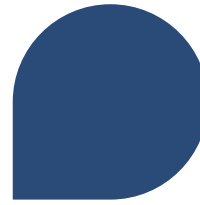
Dawn  
LRV: 44



Flint  
LRV: 28



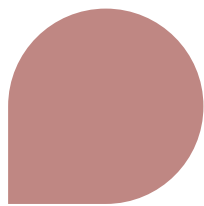
Wedgewood  
LRV: 17



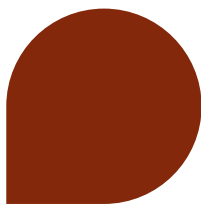
Sark  
LRV: 11



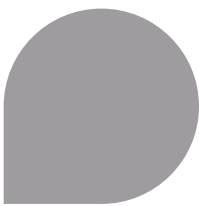
Indigo  
LRV: 5



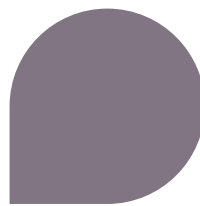
Ramone  
LRV: 34



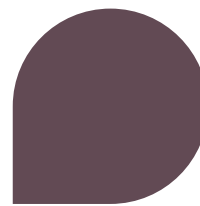
Ruby  
LRV: 10



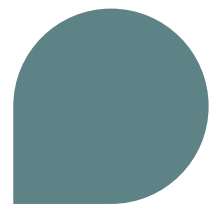
Gunmetal  
LRV: 21



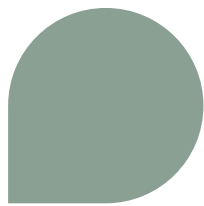
Norfolk  
LRV: 19



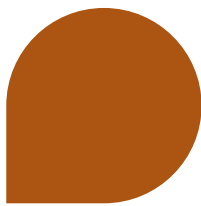
Magic  
LRV: 10



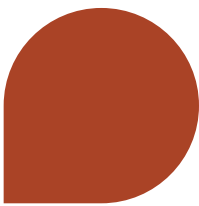
Cyprus  
LRV: 23



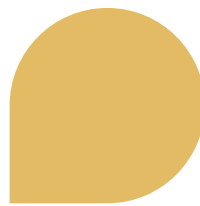
Spruce  
LRV: 19



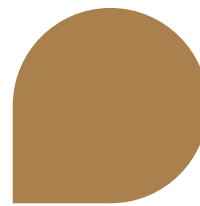
Ranch  
LRV: 18



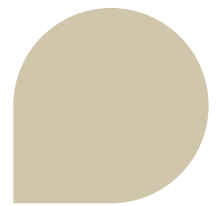
Tropic  
LRV: 19



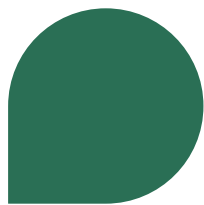
Topaz  
LRV: 44



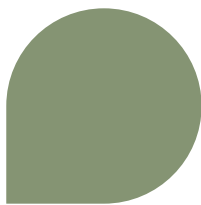
Toast  
LRV: 26



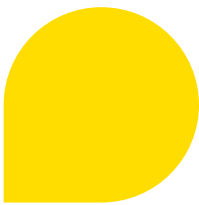
Portland Grey  
LRV: 44



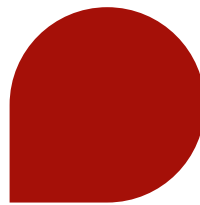
Patina  
LRV: 13



Jade  
LRV: 29



Safety Yellow\*†  
LRV: 52



Safety Red\*†  
LRV: 18



FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

The cosmetic, UV stable Altro Flexiflow topcoat may be refreshed periodically throughout the life of the product. Bespoke colours may be available to order, lead-time and charges may apply.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

Always use the correct maintenance and entrance matting to help minimise potential wear and maintain a clean environment.

LRV = Light Reflectance Value



### Samples

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

+44 (0) 1462 707 600

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



† Safety colours for small demarcation areas only, a white undercoat should be used and additional coats may be required, please refer to Altro. \* Non-standard cost options



MANCAT

## Altro TB Screed™

Typical applications:

**Laboratories. Communal areas. Walkways. Offices. Restaurants.**

### FeRFA type N/A

Altro TB Screed is clearly striking. It is a solvent-free epoxy resin system comprising smaller size quartz aggregate bound in clear resin and finished with clear seal coats. The combination provides a high strength, chemically resistant decorative floor finish. Altro TB Screed Natural combines beauty with practical performance.

Both systems have a nominal thickness of 3mm, can be coved, laid to falls or applied to vertical surfaces.

## Altro TB Screed Rapicure™

Typical Applications:

**Laboratories. Communal areas. Walkways. Offices. Restaurants.**

### FeRFA type N/A

If you're in a hurry, don't worry, Altro TB Screed Rapicure is your floor. It boasts all the credentials of Altro TB Screed, with the added benefit of seals from Altro's Rapicure Technology. So you can get back to what you do best, and we can give you the best floor.

## Altro TB+ Cast™

Typical applications:

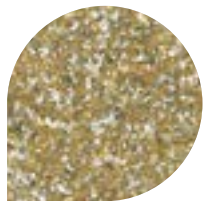
**Food and drink. Changing areas. Showers. Bars. Cellars. Kitchens. Serveries.**

### FeRFA type 4

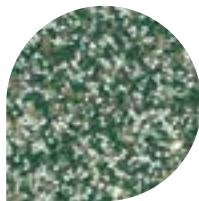
When you have a slippery situation, Altro TB+ Cast can keep you on your feet. A textured broadcast system is applied to Altro TB Screed producing excellent slip-resistance with a nominal thickness of 4.5mm. This system has been specifically formulated for wet areas such as kitchens, shower areas and wet production areas where slip-resistance is a priority. Altro TB + Cast can be laid to drainage falls and Altro TB Screed allows the formation of matching cove sections, kerb up-stands or wall render for fully-tanked wet-room situations.

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147

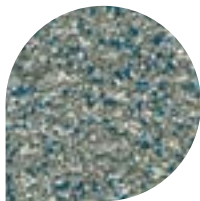




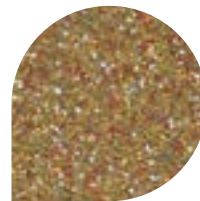
**Tweedsmuir**  
LRV: 20



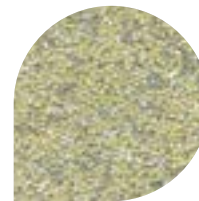
**Exmoor**  
LRV: 15



**Highland**  
LRV: 22



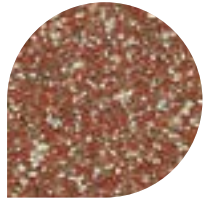
**Dartmoor**  
LRV: 15



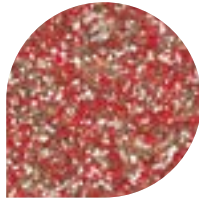
**Mendip**  
LRV: 34



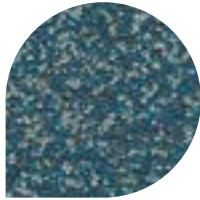
**Southdown**  
LRV: 36



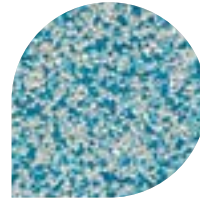
**Brecon**  
LRV: 12



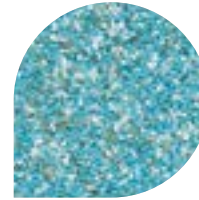
**Sidlaw**  
LRV: 15



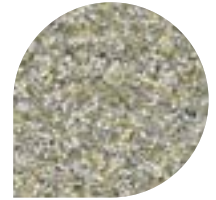
**Malvern**  
LRV: 10



**Wicklow**  
LRV: 26

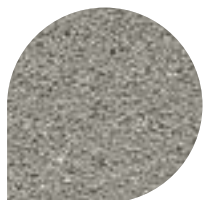


**Cuillin**  
LRV: 30



**Peak**  
LRV: 22

## Natural colour chart



**Mountain**  
LRV: 17



**Rock**  
LRV: 30



**Dune**  
LRV: 28



**Desert**  
LRV: 29



**Cliff**  
LRV: 32



**Ravine**  
LRV: 11



FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

Pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

LRV = Light Reflectance Value



### Samples

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

+44 (0) 1462 707 600

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





Northumbria Police ACHQ

## AltroScreed Quartz™ EP

Typical applications:

**Dry food and drink packing. Laboratories. Clean rooms. PE changing areas. Walkways. Custodial. Containment. Retail. Dining. Offices.**

### FeRFA type 6

AltroScreed Quartz EP is a clear winner. It is a three-part solvent-free system with blended decorative quartz aggregate bound with clear epoxy resin and finished with clear seal coats. It provides a high-strength chemically resistant floor that can be coved and laid to drainage falls. It is ideally suited to medium-duty production areas, circulation areas and laboratories. Available in a nominal thickness of 4mm to 6mm.

## AltroScreed Quartz Boutique™

Typical applications:

**Dry food and drink packing. Laboratories. Clean rooms. PE changing areas. Walkways. Custodial. Containment. Retail. Dining. Offices.**

### FeRFA type 6

This system raises it up a notch or two, providing all the benefits of AltroScreed Quartz EP, with a colour palette for those with an ambitious design vision. Inspired by the beauty of gemstones, it packs a punch for colour opportunities. Available in 4mm to 6mm.



Llanwern High School

## AltroScreed Quartz Rapicure™

Typical applications:

**Education – corridors, dining room, CDT, changing rooms, art rooms, atria.**

**Healthcare clubs. Arenas. Exhibition halls. Custodial.**

**Serveries. Canteens. Retail. Laundries. Warehouses.**

**Food and drink production and packing areas. Pharmaceutical.**

### FeRFA type 6

When time is of the essence, AltroScreed Quartz Rapicure is the answer. It is a rapid cure decorative quartz screed ready to step on in less than half the time of conventional epoxy systems. It has the added benefit of not producing the odours associated with MMA based systems.

Available in 5mm thickness, AltroScreed Quartz Rapicure is ideal for installations in large, medium or small public areas requiring safety. It offers slip resistance of TRRL≥36 and a Ramp Test DIN 51130 R10 classification. It has a closed surface texture that reduces dirt retention, making it easy to clean and maintain. It also offers a good level of chemical resistance to most common chemicals.

With all the AltroScreed Quartz / Boutique colours to hand, you can have a bold and quick colour change.

Please see product selector on pages 112-113 for full details.

For technical lay-up drawing see pages 146-147

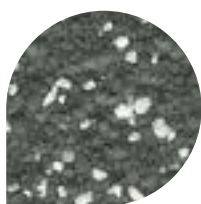
## AltroScreed Quartz EP / AltroScreed Quartz Rapicure colour chart



**Jumaana**  
LRV: 44



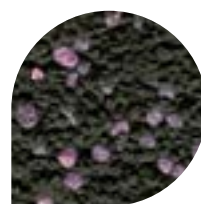
**Opal**  
LRV: 25



**Kyanite**  
LRV: 9



**Onyx**  
LRV: 8



**Iona**  
LRV: 5



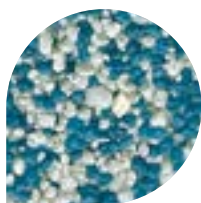
**Pyrite**  
LRV: 20



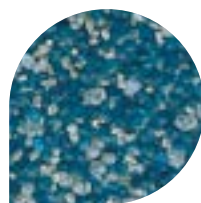
**Giza**  
LRV: 27



**Turquoise**  
LRV: 26



**Ula**  
LRV: 22



**Lapis**  
LRV: 14



**Rachelle**  
LRV: 19



**Greta**  
LRV: 21



**Peketo**  
LRV: 14



**Citrine**  
LRV: 26



**Pearl**  
LRV: 33



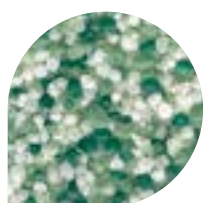
**Narooma**  
LRV: 14



**Amber**  
LRV: 41



**Alcazar**  
LRV: 24



**Yakootah**  
LRV: 23

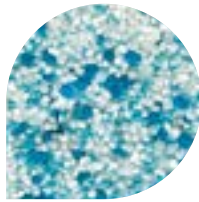


## AltroScreed Quartz Boutique / AltroScreed Quartz Rapicure colour chart



Moonstone

LRV: 50



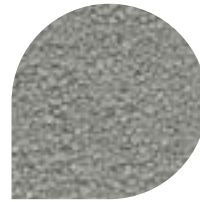
Almas

LRV: 41



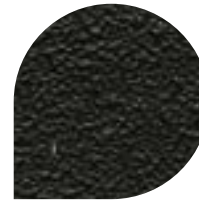
Chrystal

LRV: 44



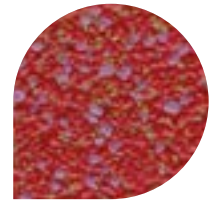
Selenite

LRV: 19



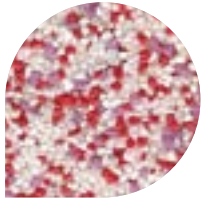
Tourmaline

LRV: 4



Soraya

LRV: 13



Cara

LRV: 34



Jola

LRV: 15



FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

Pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

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LRV = Light Reflectance Value

**Samples**

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

+44 (0) 1462 707 600

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





Union Jack Club

## Altro SoloSafe™

Typical applications:

**Food and drink production. Laboratories. Craft. Design rooms.  
PE changing areas. Walkways. Custodial. Containment.  
Healthcare. Bars.**

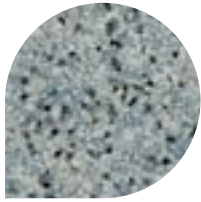
### FeRFA type 6

If the shoe fits, wear it. Or not. Altro SoloSafe provides a R11, slip-resistant, easy to clean surface that is effective in barefoot and shoed environments. The three-part, low odour, solvent-free epoxy resin screed incorporates Rapicure technology, for areas where a rapid return to service is essential. The system is self-sealing, reducing installation time. The product has been designed to be returned to service after one day. Altro SoloSafe contains up to 30% content of post-consumer recycle.

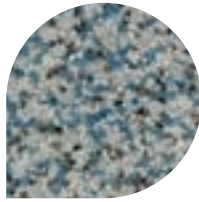


Bligh Junior School

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147



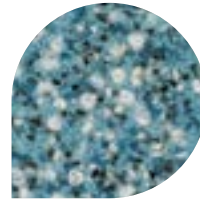
**Thames**  
LRV: 23



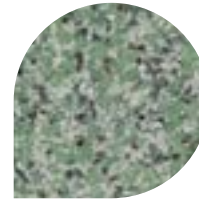
**Tamar**  
LRV: 20



**Cam**  
LRV: 16



**Clyde**  
LRV: 25



**Wye**  
LRV: 23



**Shannon**  
LRV: 20



**Humber**  
LRV: 11



**Medway**  
LRV: 28



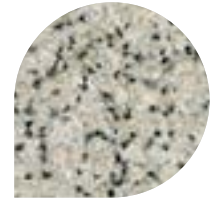
**Conway**  
LRV: 16



**Avon**  
LRV: 32



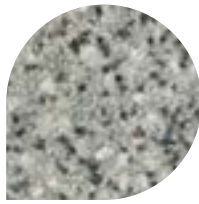
**Liffey**  
LRV: 12



**Trent**  
LRV: 36



**Tyne**  
LRV: 16



**Derwent**  
LRV: 28



FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

Pale colours may show some cosmetic discolouration on exposure to UV light.

Please consult Altro for chemical resistance details.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

LRV = Light Reflectance Value



### Samples

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

+44 (0) 1462 707 600

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





Mikey Jewellery

## Altro Multiscreed™ EP Naturals

Typical applications:

**Communal areas. Laboratories. Craft. Design rooms. Retail.  
Dining. Offices. Corridors.**

### FeRFA type 6

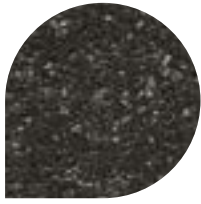
For a tough surface that can handle the bumps and knocks of life, Altro Multiscreed™ EP Naturals rises to the challenge. A solvent-free epoxy resin system, it has an updated natural appearance with our nine most popular colour ways evoking tones of concrete and stone. Altro Multiscreed EP Naturals has improved performance and produces a high strength floor with exceptional abrasion and chemical resistance. With a nominal thickness of 4mm, it can be coved and laid to falls.

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147

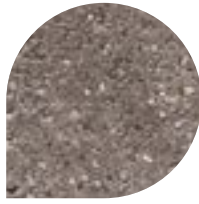


Natural History Museum

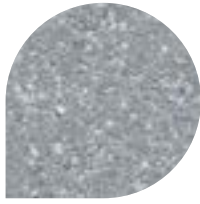


**Black Granite**

LRV: 6

**Silver Pumice**

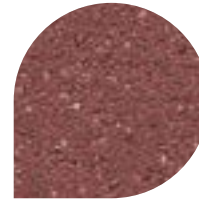
LRV: 18

**White Yorkstone**

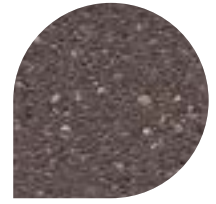
LRV: 40

**Blue Basalt**

LRV: 11

**Red Sandstone**

LRV: 9

**Chicago Brownstone**

LRV: 9

**Bath Stone**

LRV: 23

**Ivory Soapstone**

LRV: 41

**Desert Fossilstone**

LRV: 17



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Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

LRV = Light Reflectance Value



### Samples

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

+44 (0) 1462 707 600

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





Jerwood Gallery

## Altro Terrazzolite™ EP

Typical applications:

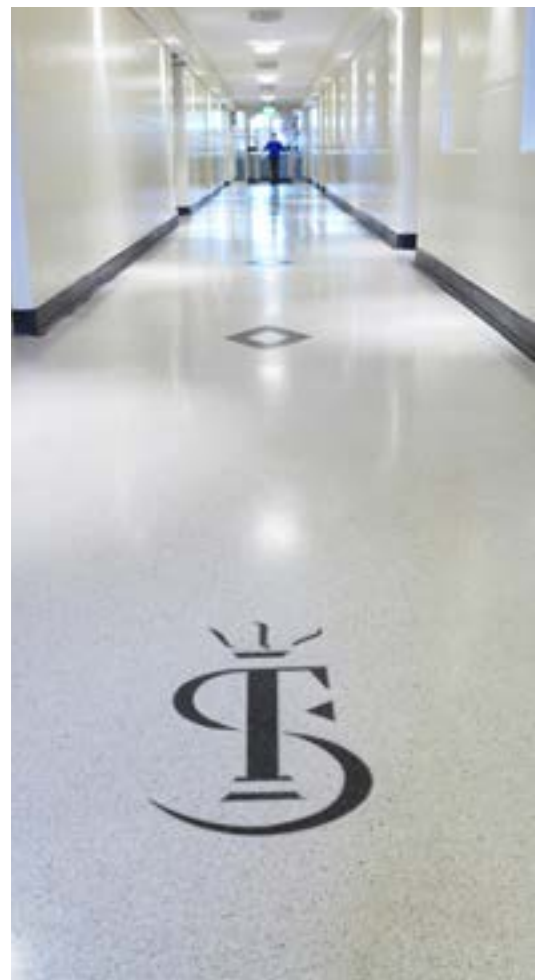
**Communal areas. Walkways. Retail front of house.  
Reception areas. Stairs.**

### FeRFA type 6

When you want to add that touch of class, Altro Terrazzolite EP delivers in spades. It will revolutionise the way you think about resin floor applications. It creates a lightweight, seamless, sophisticated marble-look resin that will raise the style stakes of any corridor, reception or retail area. This system utilises naturally-coloured marble chips bound together with a coloured epoxy resin, and then is ground and polished. It has a nominal thickness of 6mm, and uses matching sections of perimeter skirting which are preformed off-site.

Available in 27 standard background colours and five standard marble chip colours to produce a custom design.

Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147



South Farnham School

## Your choice of 27 background colours

*Continued overleaf...*

FeRFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

Please consult Altro for chemical resistance details.

Bespoke colours may be available to order, lead-time and charges may apply. Pale colours may show some cosmetic discolouration on exposure to UV light. Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

**Samples**

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

+44 (0) 1462 707 600

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



LRV = Light Reflectance Value



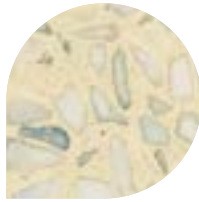




## Your choice of five marble chip colours



Turkish White



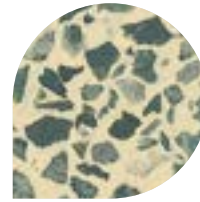
Italian White



Grey



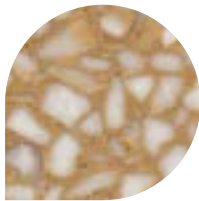
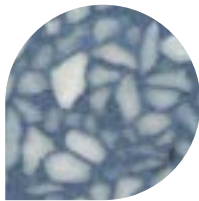
Verona



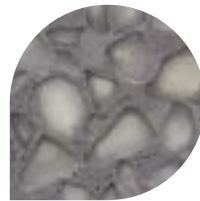
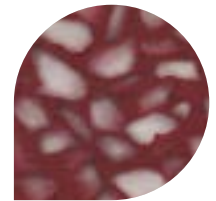
Verdi

Mix and match to create the perfect blend - here are some finished examples

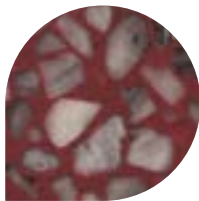
### Turkish White marble chip

Turkish White  
on IvoryTurkish White  
on ToastTurkish White  
on Wedgewood

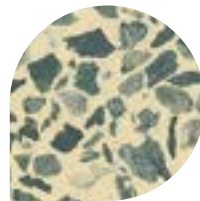
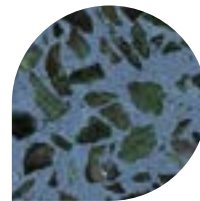
### Italian White marble chip

Italian White  
on GunmetalItalian White  
on ToastItalian White  
on Magenta

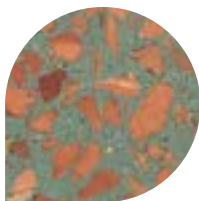
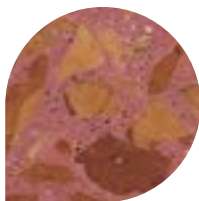
### Grey marble chip

Grey  
on IvoryGrey  
on DawnGrey  
on Magenta

### Verdi marble chip

Verdi  
on IvoryVerdi  
on WedgewoodVerdi  
on Toast

### Verona marble chip

Verona  
on ToastVerona  
on SpruceVerona  
on Ramone

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Please consult Altro for chemical resistance details.

Bespoke colours may be available to order, a special grade of aggregate is required for lighter or more vibrant colours, lead-time and charges may apply. Pale colours may show some cosmetic discolouration on exposure to UV light.

Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

Altro resins are specifically designed for use in industrial and commercial environments and perform well in these areas. However, Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.



### Samples

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

+44 (0) 1462 707 600

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



LRV = Light Reflectance Value



Southampton Bus Depot

## AltroGrip™ EP

Typical applications:

**Motor vehicle garages and workshops.**

**Goods and storage.**

**Aircraft servicing. Defence.**

### FeRFA type 4

AltroGrip EP is a floor that can handle itself. A modified flow-applied system incorporating 50-mesh aggregate, it provides excellent impact, abrasion and chemical resistance. This system is available in nominal thickness of 2mm, 4mm and 6mm, determined by the thickness of AltroFlow resin used in the foundation of the system. AltroGrip has 26 single colour options to broaden your colour horizons.

## AltroGrip Quartz™ EP

Typical applications:

**Production - wet. Motor vehicle garages and workshops.**

**Mortuaries.**

### FeRFA type 4

When you need a greater degree of slip-resistance, AltroGrip Quartz will stop you in your tracks. With 27 colours from the AltroScreed Quartz or AltroScreed Quartz Boutique ranges to hand, you can have any colour scheme from glowing Moonstone to deep Onyx. Added to an AltroFlow base to increase slip-resistance, AltroGrip Quartz is available in 2mm, 4mm and 6mm thicknesses and sealed with a clear epoxy.

See pages 132-133 for colour options.

Please see product selector on pages 112-113 for full details.

For technical lay-up drawing see pages 146-147

## AltroGrip EP



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### Samples

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



LRV = Light Reflectance Value



NHS Glasgow

## AltroCrete PU Excel™

Typical applications:

**Food and drink. Pharmaceutical.  
Metal fabrication. Vehicle workshops. Healthcare.  
Bars. Cellars. Kitchens. Serveries.**

### FeRFA type 8

AltroCrete PU Excel can handle the heat. It's a 5-9mm textured floor made for heavy duty areas of potential spillage and increased temperature range (-40°C to +120°C at 8mm+). It has excellent resistance to impact and abrasion and to a wide range of chemicals including organic acids found in foodstuffs. With a high level of slip resistance, it's ideal for food and drink production areas and heavy industrial applications.

## AltroCrete PU Fast-Track™

Typical applications:

**Food and drink. Pharmaceutical.  
Metal fabrication. Vehicle workshops. Healthcare.  
Bars. Cellars. Kitchens. Serveries.**

### FeRFA type 8

If you need a strong floor but have a tough deadline, AltroCrete PU Fast-Track is the answer. With all the performance of AltroCrete PU Excel, it has the added benefit of a rapid overnight cure. It won't slow you down.

## AltroFlow™ PUM

Typical applications:

**Food and drink. Laboratories. Clean rooms.  
Metal fabrication. Vehicle workshops.**

### FeRFA type 7

AltroFlow PUM is a smooth operator. A medium duty 2-4mm flow applied, smooth surface, with a matt finish, it has a degree of slip resistance. It's ideal for process areas and general industrial environments that are predominantly dry, such as aviation or engineering.

## AltroGrip™ PU

Typical applications:

**Wet production areas. Healthcare-mortuaries.  
Chemical industries. Food and drink.**

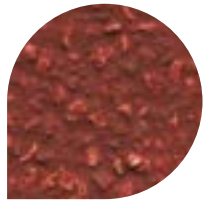
### FeRFA type 4

The best of both worlds. This multi-layer system combines the self-smoothing properties of AltroFlow PUM and the chemical resistance of AltroCrete, with a hard wearing slip resistance.

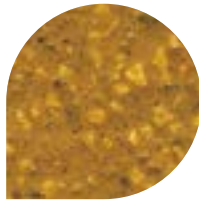
Please see product selector on pages 112-113 for full details.  
For technical lay-up drawing see pages 146-147



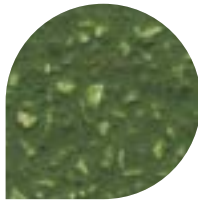
## AltroCrete PU Excel colour chart



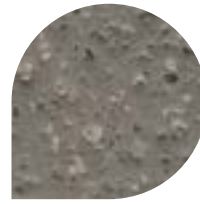
**Magma**  
LRV: 12



**Ochre**  
LRV: 23



**Forest**  
LRV: 12

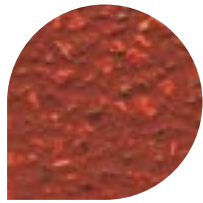


**Zinc**  
LRV: 19

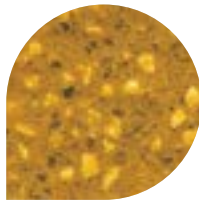


**Coal**  
LRV: 10

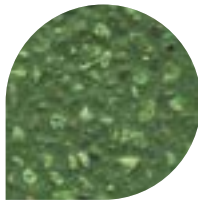
## AltroCrete PU Fast Track colour chart - rapid cure



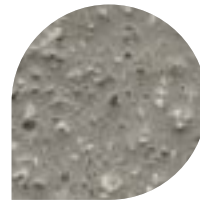
**Brick Red**  
LRV: 12



**Saffron**  
LRV: 23

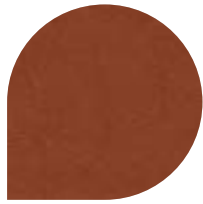


**Meadow Green**  
LRV: 12



**Silver Grey**  
LRV: 19

## AltroFlow PUM and AltroGrip PU colour chart



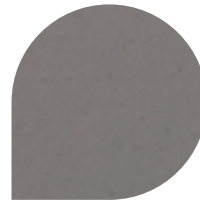
**Magma**  
LRV: 8



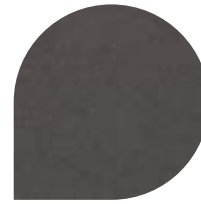
**Ochre**  
LRV: 20



**Forest**  
LRV: 10



**Zinc**  
LRV: 15



**Coal**  
LRV: 9



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LRV = Light Reflectance Value



### Samples

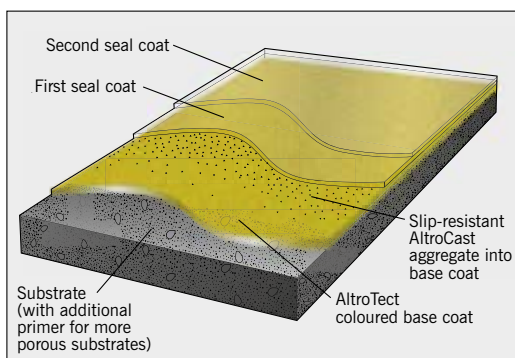
If colour choice is critical, please request a sample of the material

+44 (0) 1462 707 600

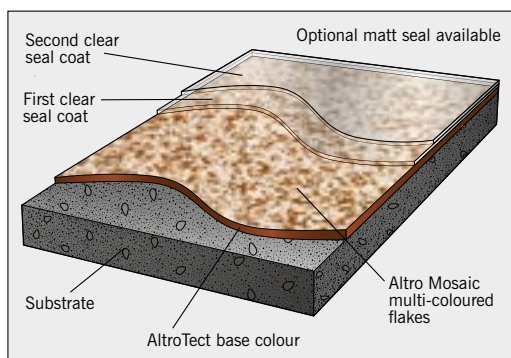
[samples@altro.com](mailto:samples@altro.com)



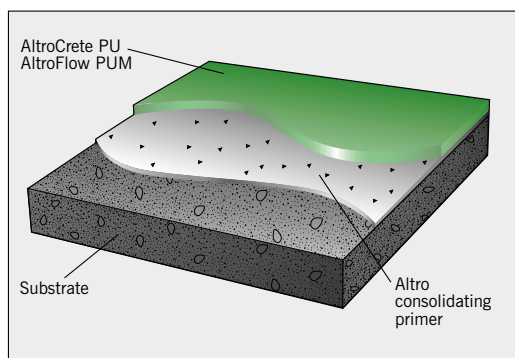
# Technical lay-up drawings



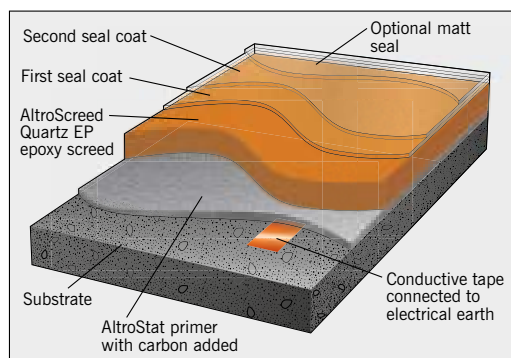
**AltroCast™**



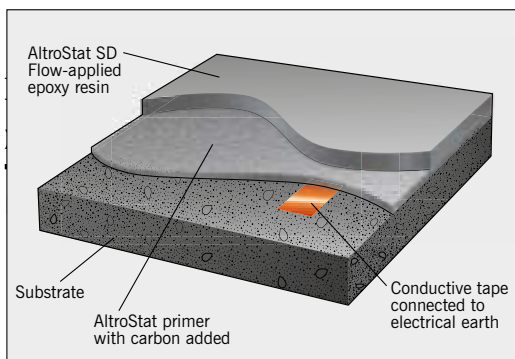
**Altro Mosaic™**



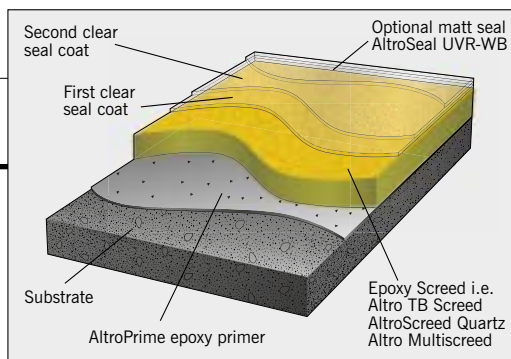
**Altro PU System - AltroCrete PU Excel™ / AltroFlow™ PUM / AltroCrete PU Fast-Track™**



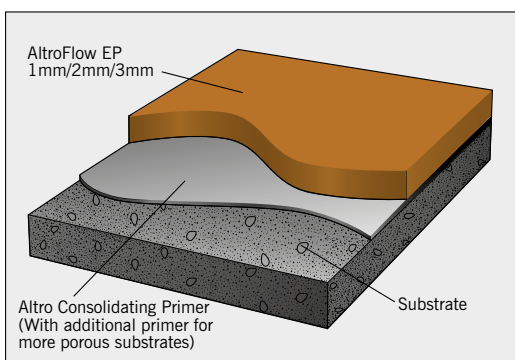
**AltroScreed Quartz™ EP SD**



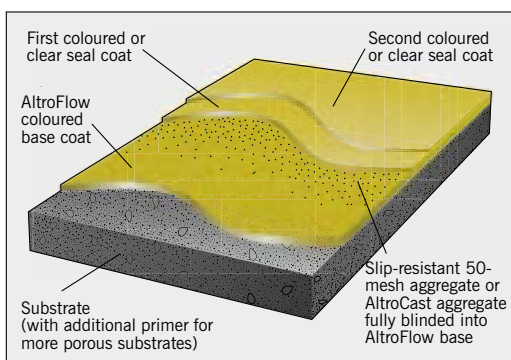
**AltroStat™ SD**



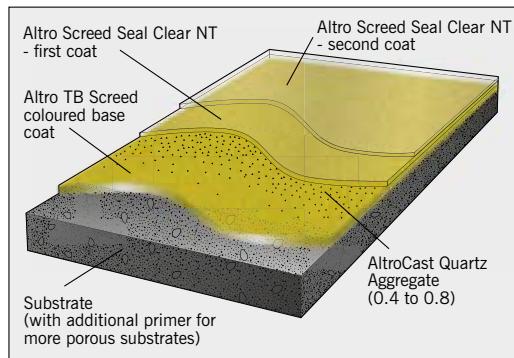
**Epoxy Screeds - Altro TB Screed™ / AltroScreed Quartz™ EP / AltroScreed Quartz Boutique™ / AltroScreed Quartz Rapicure™ / Altro Multiscreed™ EP Naturals**



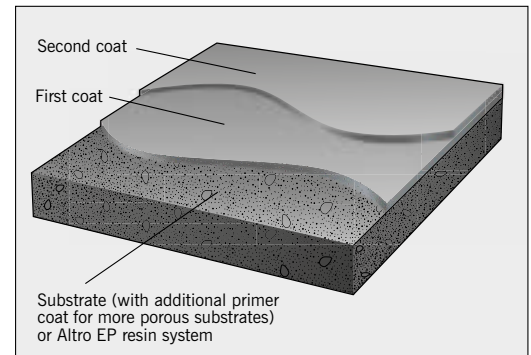
**Flow Applied - AltroFlow™ EP**



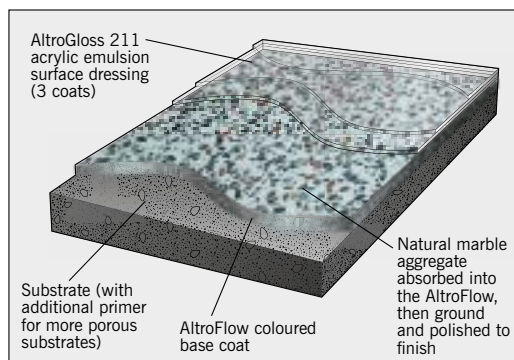
**Grip Systems - AltroGrip™ / AltroGrip Quartz™ AltroGrip™ PU - as above but with one coloured seal coat**



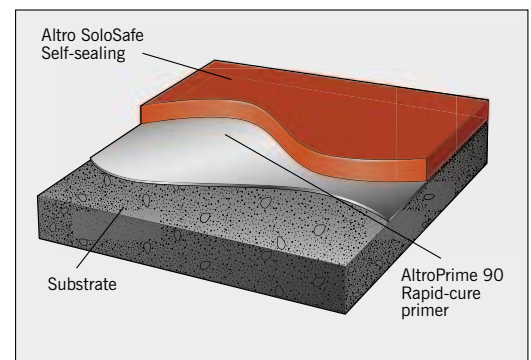
**Altro TB + Cast™**



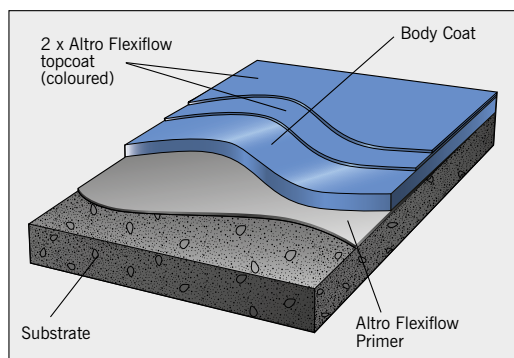
**Coatings - AltroSeal™ / AltroCoat™ / AltroShield™ SF / AltroTect™**



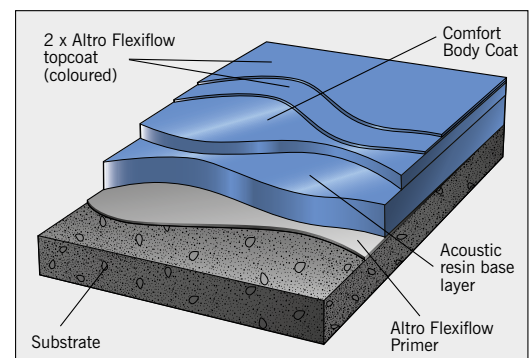
**Altro Terrazzolite™ EP**



**Altro SoloSafe™**



**Altro Flexiflow™ standard and comfort options**



**Altro Flexiflow™ acoustic option**

## Vertical systems and support products

A tough environment calls for a strong finish. The following range of Altro resin finishes can be applied to walls to provide solutions for many challenging situations, where more commonly used wall surfaces will not provide the required performance.

### AltroSeal UVR

AltroSeal UVR won't fade away. A twin-pack, solvent-based polyurethane, chemically and UV resistant coating for improved colour stability in light colours, although additional coats may be required over darker substrates. For colour options see page 115.

### AltroCoat V

When you don't have time to wait for your substrate to dry, AltroCoat V can help. It is a twin-pack epoxy, water miscible, moisture tolerant epoxy resin with low odour / taint. This epoxy coating offers the ability to be applied to damp substrates. A coating of moderate thickness and silk finish, this will provide a durable wall coating, but please note the substrate texture will not be obliterated and additional coats will be required for light colours (NB white should not be used as a final coat, see note regarding UV discolouration). For colour options see page 115.

### AltroTect V

A twin-pack, solvent-free, low taint, high-build epoxy coating for greater hiding power and a gloss finish. A matt surface seal may be added if required. (NB white should not be used as a final coat, see note regarding UV discolouration). For colour options see page 117.

### Altro Mosaic

Altro Mosaic gives a decorative multi-layer finish that can be applied to walls and / or floors. Offering two slightly different textures, one a vibrant and glossy finish, the other a subtle glazed matt appearance. For colour options see page 121.

### Altro TB Screed

For a versatile finish, Altro TB Screed provides a 3mm thick, trowel applied epoxy screed. This decorative and coveable product can be laid to floors and / or applied to walls for a heavy-duty, easy-clean surface in silk or matt finish. For colour options see page 129.

Installation of a floor from the base concrete slab to the final wearing surface will often demand products to create cement-based screeds of sufficient strength, substrate, patching of eroded substrates and the ability to fill substrate movement joints with a strong, but flexible medium. The products listed fulfil those associated requirements to allow a comprehensive and detailed specification with a single-point material warranties.

### AltroExpand™

AltroExpand can stretch to your needs. It is a two part, chemically resistant, epoxy flexible jointing compound, specifically designed for industrial flooring. AltroExpand accommodates normal thermal and vibration movement whilst providing sufficient strength to protect joints from damage and erosion. Typical applications include movement joints in old and new floors in factories, warehouses, workshops, hangers, etc. AltroExpand can be laid on a variety of substrates, including concrete, granolithic, stone, terrazzo, brick and timber.

Product range:

AltroExpand: Pourable

AltroExpand W: Thixotropic

### AltroPol™

AltroPol™ supports our range of floor finishes. It is used for the polymer modification of cementitious systems and is designed to enhance the physical properties of cement based floor screeds and repair compounds, it improves flexural strength, impact and abrasion resistance.

Typical applications include thin section floor screeds, smoothing screeds to even out the surface of damaged or tamped finish concrete, levelling screeds to receive other finishes, screeds of varying thickness to install falls for drainage purposes or heavy duty wearing screeds with high impact resistance.

### AltroPatch UFC™

AltroPatch UFC™ smooths over the rough edges. It is a two-part, rapid curing epoxy repair mortar, used to make good, fill voids or adjust surface levels, prior to the installation of a resin surface finish.



## AltroProof Solo™

### Specialist surface damp-proof membranes

When your project is on the fast track, you don't have time to watch your substrate dry. AltroProof Solo is an easy to apply epoxy surface damp-proof membrane suitable for use on substrates of high moisture content with a relative humidity of more than 75%. AltroProof Solo can be used over green concrete or on existing substrates in refurbishment projects, making it an effective and cost-saving solution for reducing application schedules.

AltroProof Solo Fast Track™ and AltroProof Solo Universal™ allow for early installation of floor coverings, providing protection from residual construction moisture and water vapour. Hygrometer readings of up to 97% (99.9% theoretical) can be accommodated.

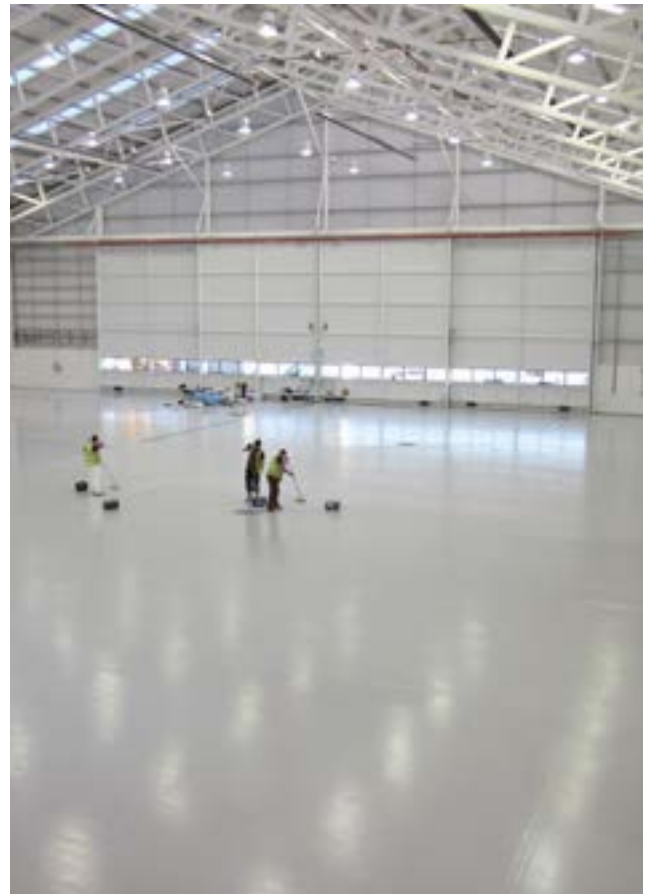
When time is of the essence, AltroProof Solo Fast Track provides a fast cure system that enables levelling / smoothing compounds to be laid on the same day. A cost-effective solution for environments that need to be up and running quickly.

A single coat application is time saving and offers excellent performance without the need for additional coats or increased application thickness.

AltroProof Solo has outstanding adhesion to concrete under adverse conditions and is an effective solution to progressing fast track construction and refurbishment projects.

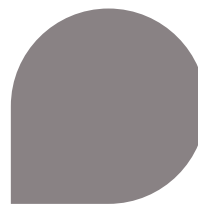
Altro safety flooring, resin systems, smooth vinyl and rubber floorings are universally suitable for installing directly over AltroProof Solo. Typically Altro safety, smooth vinyl and rubber floorings are used in conjunction with a water resistant levelling screed which may in normal circumstance be applied on the same day. Suitable water resistant smoothing compounds may be applied beneath AltroProof Solo.

When used with Altro safety flooring, resin systems, smooth vinyl and rubber floorings as part of the Altro system, the AltroProof Solo warranty matches the product warranty.



Birmingham International Airport

### Available in two colours:



Winter Grey

AltroProof Solo  
Fast Track



Dawn

AltroProof Solo  
Universal



#### Samples

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

+44 (0) 1462 707 600

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

