



## resin systems / where function meets design

**A combination of hygiene and robust performance, Altro Resins offer designers and specifiers the choice they need for lasting impact within a wide spectrum of environments.**

Robust and versatile, resins are equally at home in kitchens, warehouses and a wide range of factories as well as

high-street boutiques and bakeries. Altro's long experience in formulating resins in its own specialist laboratories is your assurance of optimum performance. A unique, 2-15 year product warranty is offered on most resin systems.



If you want to combine long-term reliability and ease of maintenance with value for money and attractive appearance, resin could be just what you're looking for.

- Comprehensive range of polyurethane and epoxy resins from seals and coatings to flow applied and screed products
- Many colours and finishes, plus bespoke solutions to meet your requirements
- Superb functional performance
  - impact and point loading resistance
  - chemical resistance
  - strength and durability
  - slip resistance (with suitable inclusions)
  - unique 2-15 year warranty on most resin systems
- Seamless, impervious, coveable and easy to clean for hygienic and clean room environments
- Steam cleanable grades available
- Static dissipative grades available
- Rapid or standard cure
- Solvent-free/low odour formulations
- Free of charge bacteriostat for enhanced hygiene
- A range of products available containing post-consumer recyclate

## Resin floor classifications

The Federation of Resin Formulators & 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.



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

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

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

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

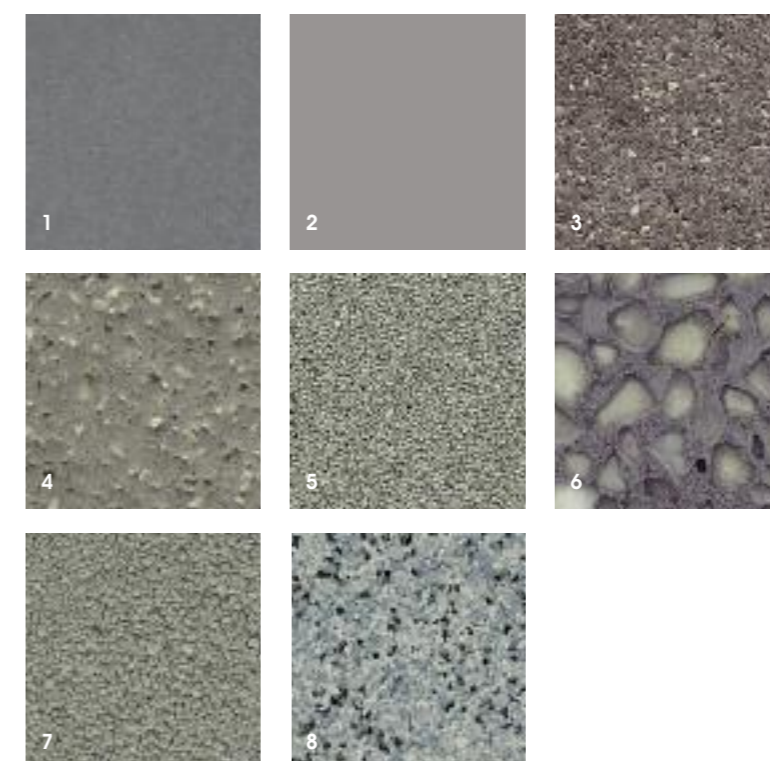
## Typical resin floor cross sections (not to scale)



Resin Seals and Coatings (90 micron – 500 micron)  
(90 microns = thickness of a sheet of A4 copy paper)

Resin Flow Applied Screeds (1mm – 4mm)

Trowel Applied Screeds (3mm – 9mm)



## Selecting resin textures and finishes

We have 28 colour bases to be combined with a wide range of textures and finishes. These are demonstrated opposite against a single colour. Each will achieve a different look, feel and level of performance.

- 1 / AltroFlow PUM page 74
- 2 / AltroGrip page 72
- 3 / Altro Multiscreed Natural page 68
- 4 / AltroCrete PU Excel page 74
- 5 / AltroCast page 56
- 6 / Altro Terrazzolite EP page 70
- 7 / AltroScreed Quartz EP page 64
- 8 / Altro SoloSafe page 66



**The Natural History Museum, London - Altro Multiscreed™**

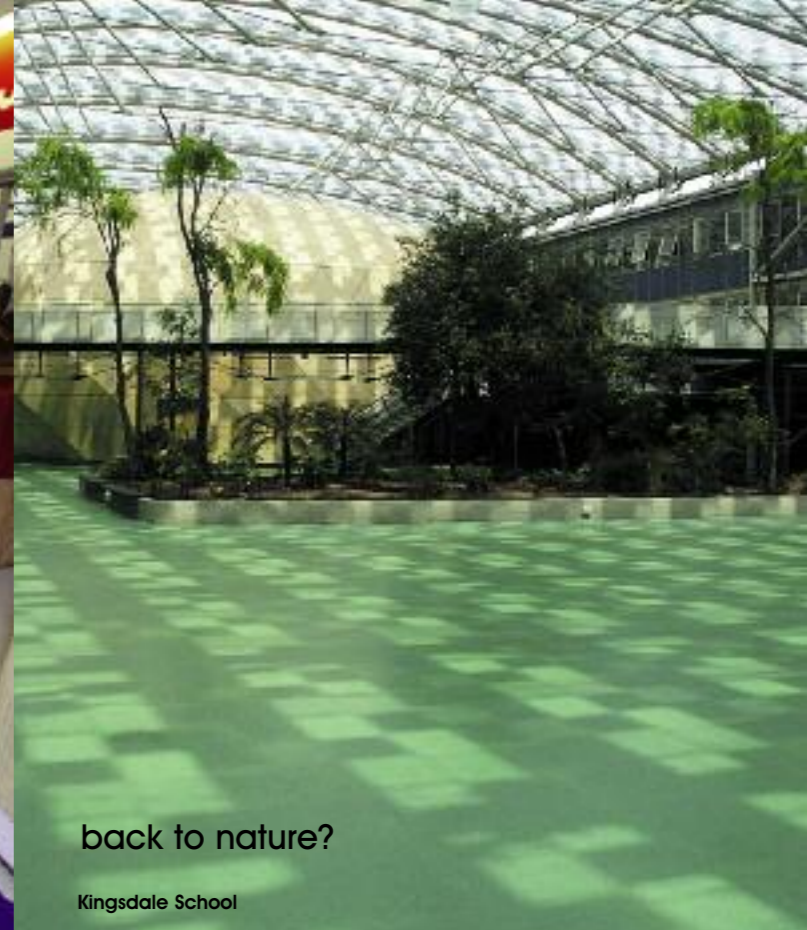
"We've had a lot of experience using Altro's range of resin products and have always been very impressed so we knew they would be perfect for the job. Resin provides an attractive finish which is easy to keep in peak condition, providing a flooring solution that will stay looking great for years to come. The installation had some technical challenges but thanks to the quality of the products and the experience of the installers it all went very smoothly."

**Andy James, Director at SurTech Ltd.**



walk this way?

Journey Shoes



back to nature?

Kingsdale School

**build your own resin system**

If what you're looking for isn't among our wide range of standard colours and finishes, together we'll create exactly what you need. If your vision is artistically driven, function led, or both, we can produce a resin just for you.

Why don't you build your own resin system? Choose a background colour, select your favourite textures to scatter and decide on the percentage of each. Resins - the possibilities are endless.

Give us a call - 01462 707600



get creative with colour?

Selfridges



Flying high with Altro Resins

McAlpine



resin / **AltroSeal™** / **AltroCoat™**

**AltroSeal UVR-WB**

**FeRFA type 1**  
A twin-pack, water-borne polyurethane clear resin seal with a matt finish. This coating has been developed to provide a cosmetic seal coat to our epoxy resin systems where a matt finish is preferable. Approximately 50 microns per coat.

**AltroSeal UVR**

**FeRFA type 1**  
A twin-pack, solvent-based polyurethane resin seal with a silk finish, it provides excellent resistance to a wide range of chemicals and UV light. Ideal for use directly to substrate in light-

duty areas where chemical spillage is likely, or as a final seal coat to epoxy resin systems to afford increased chemical resistance. Approximately 90 microns per coat.

**AltroSeal UVR Plus** – all the benefits of AltroSeal UVR and in addition provides a degree of slip resistance through the incorporation of a micaceous mineral which lightly textures the surface.

**AltroCoat**

**FeRFA type 2**  
A twin-pack, water-miscible, moisture tolerant epoxy coating with a silk finish. It has been designed to tolerate construction moisture and is ideally

suited for use onto newly installed cementitious substrates. With greatly reduced substrate drying time, AltroCoat provides a fast-track, cost-effective solution, permitting the passage of moisture vapour from the substrate, whilst still providing a barrier against contamination from operations above. Approximately 90 microns per coat.

**AltroCoat Plus** – all the benefits of AltroCoat and in addition provides a degree of slip resistance through the incorporation of a micaceous mineral which lightly textures the surface.

Please see Product Selector Chart on page 12/13 for full details.



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 contact Altro technical services for further information.  
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.  
Please consult Altro for all chemical resistance details.

† SAFETY COLOURS FOR SMALL DEMARCATION AREAS ONLY, ADDITIONAL COATS REQUIRED, PLEASE REFER TO ALTRO. \* NON-STANDARD COST OPTIONS  
EXPERIENCE HAS SHOWN THAT PRINTING CANNOT REPRODUCE COLOURS ACCURATELY. IF COLOUR CHOICE IS CRITICAL, PLEASE REQUEST A SAMPLE OF THE MATERIAL.

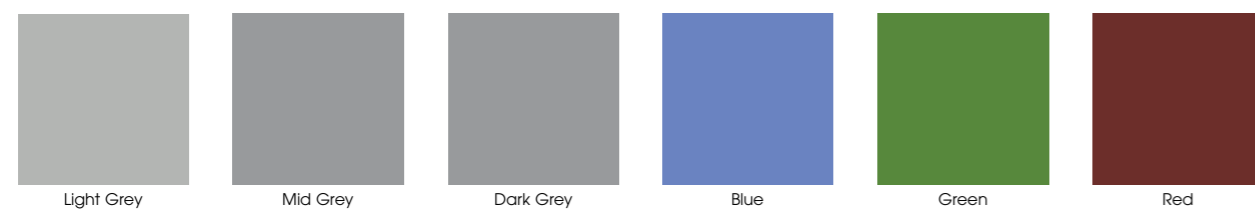


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## AltroTect / AltroTect Rapicure colour chart



## AltroShield SF colour chart



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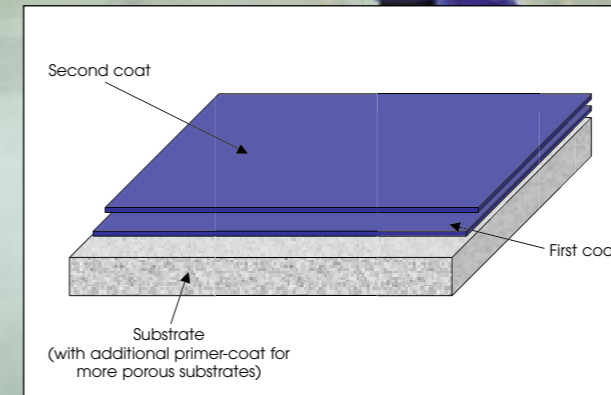
Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer scratching, chemical attack or staining. Please contact Altro for further information.

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.

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KLM UK Engineering

## resin / AltroShield™ SF / AltroTect™ / AltroTect Rapicure™

### AltroShield SF

#### FeRFA type 3

A twin-pack, solvent-free high-build epoxy resin coating supplied in functional colours with a gloss finish, it has been designed to be applied directly to substrate in two coats with a nominal thickness of 340 microns. Ideally suited to storage areas, warehouses, aviation hangars and light industrial premises, it has excellent chemical and abrasion resistance.

### AltroTect

#### FeRFA type 3

A twin-pack solvent-free epoxy high-build resin coating in a wider standard colour range with options for bespoke colours. It provides a gloss finish which should be applied in two coats directly to the substrate. It has a nominal thickness of 350 to 500 microns, AltroTect has excellent chemical and abrasion resistance. This coating is also equally suited to warehouses, industrial units and aviation hangars.

### AltroTect Plus

all the benefits of AltroTect and in addition provides a degree of slip resistance through the incorporation of a micaceous mineral which lightly textures the surface.

### AltroTect Rapicure

#### FeRFA type 3

AltroTect with all of the benefits listed above, but a fast-cure variant designed to allow two coats to be applied in one day, with return to service the following day, for those occasions when time is precious.

Please see Product Selector Chart on page 13 for full details.



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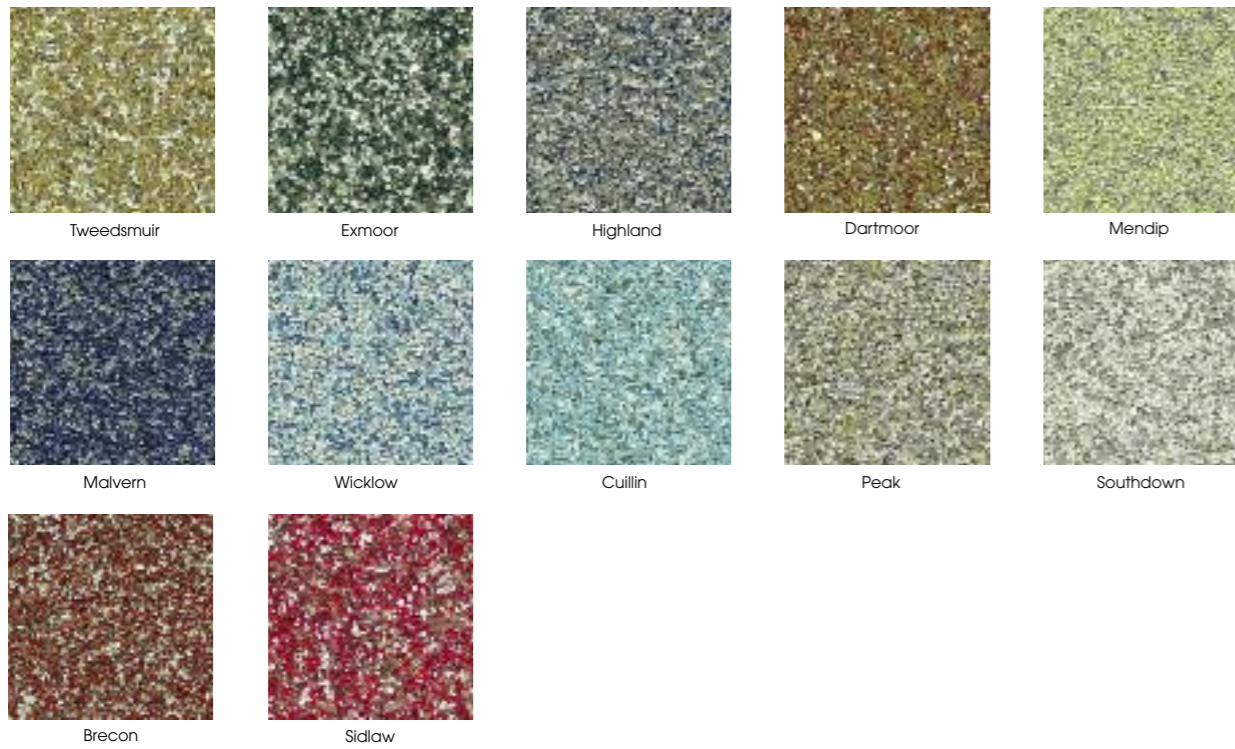
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## AltroCast colour chart



## AltroCast Natural colour chart



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Pale colours may show some cosmetic discolouration on exposure to UV light. Please contact Altro technical services for further information.

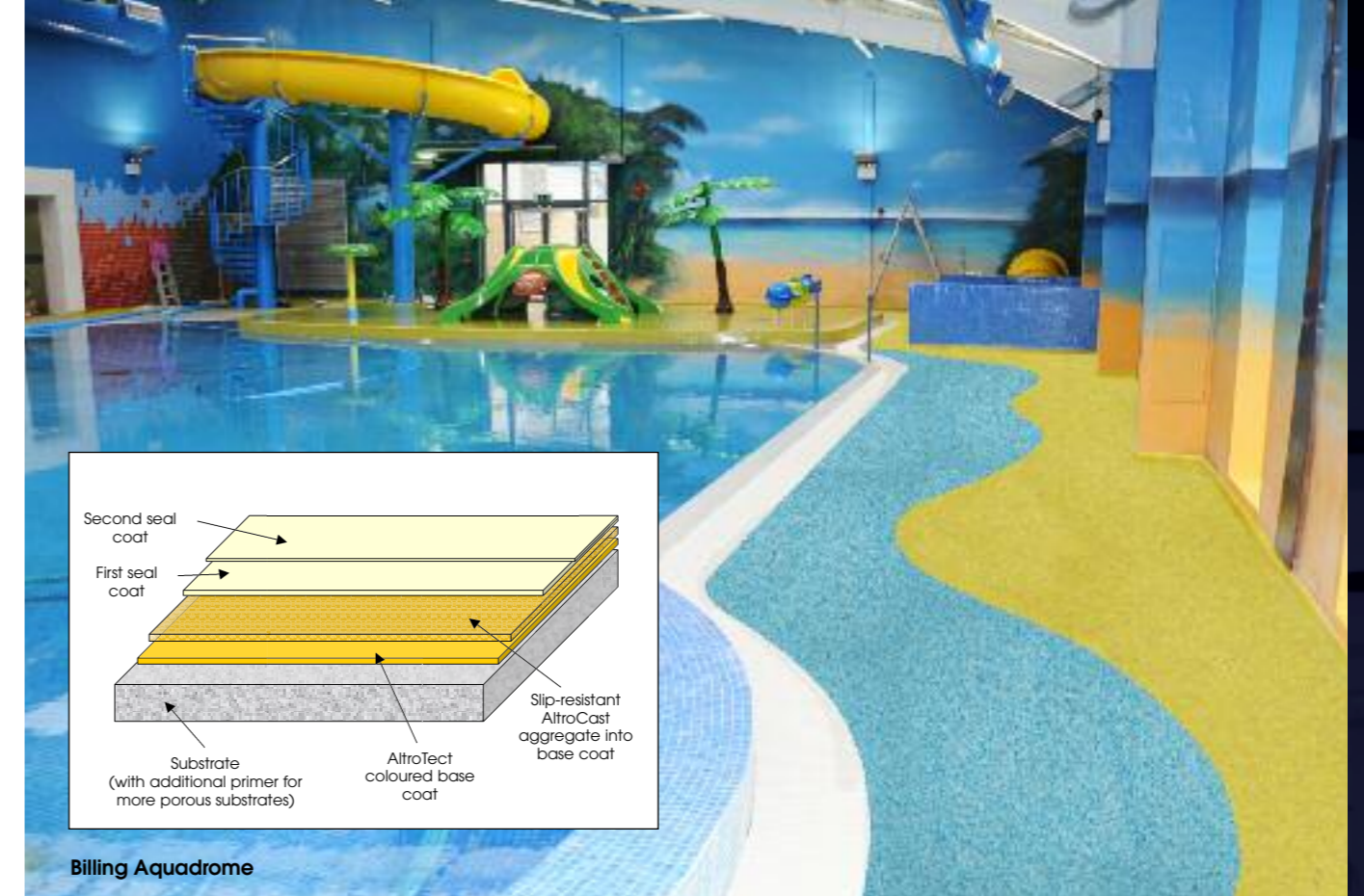
Altro resin products provide a tough and practical solution. However, as with most industrial and commercial flooring, in some situations resins may suffer chemical attack or staining. Please contact Altro for further information.

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.

Please consult Altro for all chemical resistance details.

If you would like to vary the balance of colours within these blends, please consult Altro sales for more information.

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Billing Aquadrome

## resin / AltroCast™

### AltroCast

#### FeRFA type 4

A solvent-free, epoxy resin combination system that utilises AltroTect epoxy coating in conjunction with quartz aggregate. The system is designed to provide a durable monolithic floor finish which meets legislative slip resistance requirements for wet conditions, complying with BS8204 2008 Part 6 – 6.6 and 11.5. AltroCast produces a textured gloss finish which is available in either single or multi-coloured decorative finishes. Nominal system thickness of 1.25mm.

### AltroCast Single Colour – AltroTect

Coloured with a full scatter of single colour quartz aggregate finished with two coats of AltroTect Coloured epoxy resin (standard colour chart on page 54 or bespoke colours).

### AltroCast Multi-colour – AltroTect

Coloured with a full scatter of AltroCast decorative aggregate, sealed with two coats of AltroTect Clear epoxy resin to maintain the multi-coloured appearance.

Please see Product Selector Chart on page 13 for full details.



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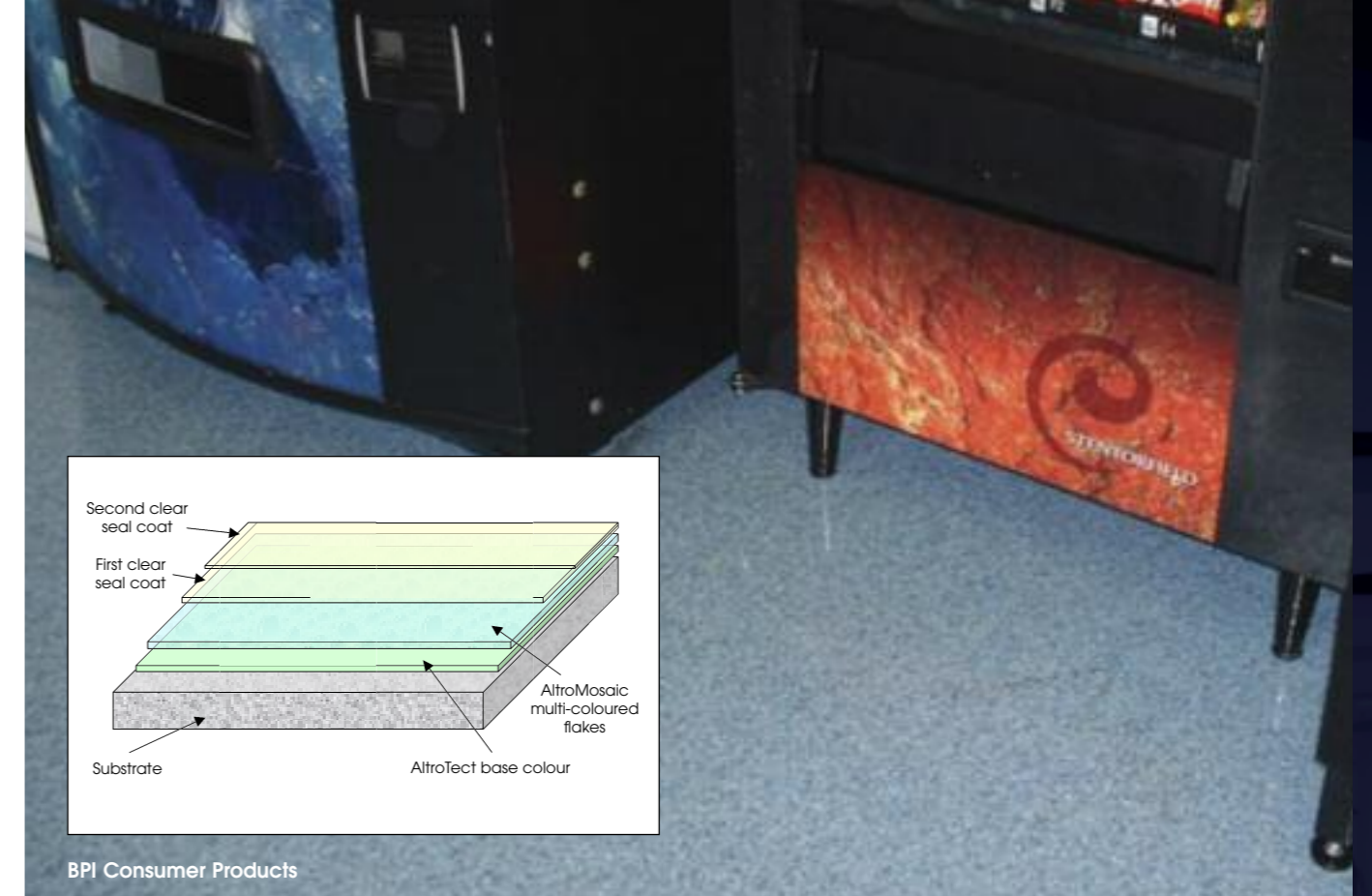
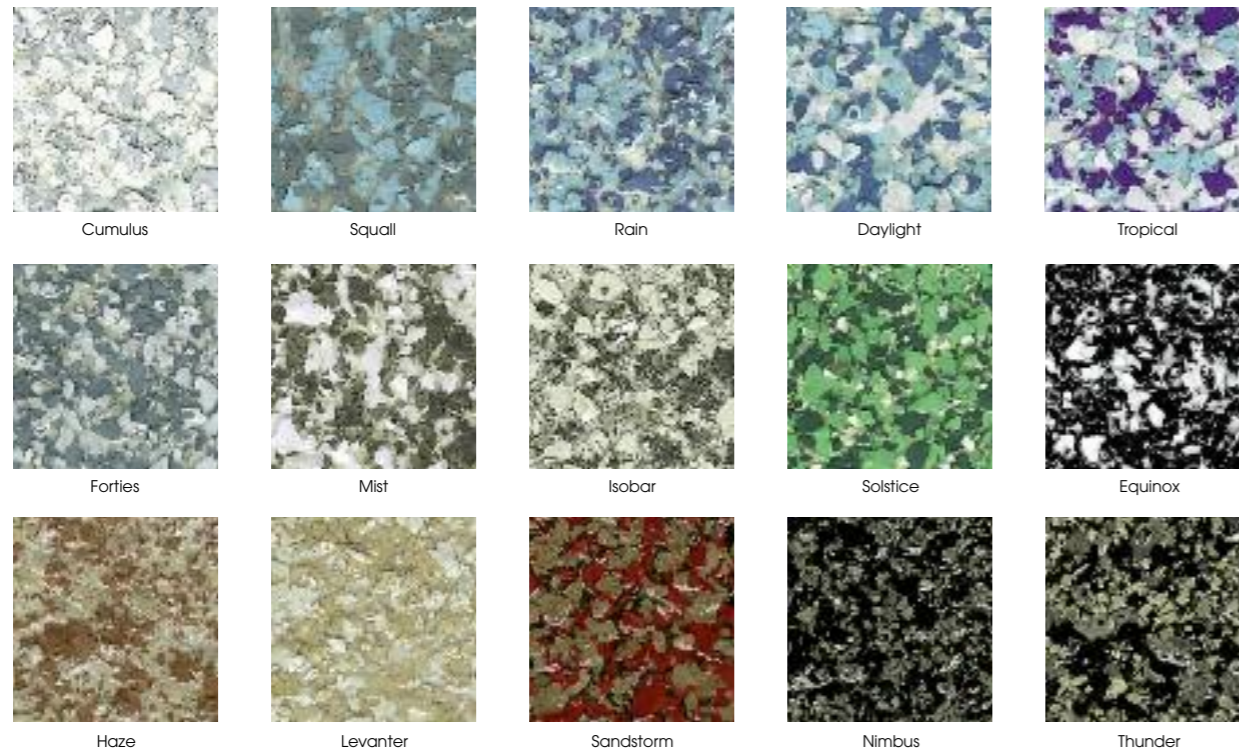
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BPI Consumer Products

## resin / Altro Mosaic™

### Altro Mosaic

#### FeRFA type 4

A solvent-free, epoxy resin combination system that encapsulates decorative acrylic flakes in AltroTect Clear epoxy resin. Select from two distinctly different systems, one offering a vibrant glossy textured finish, the other a subtle glazed smooth appearance. Altro Mosaic has a nominal thickness of 1.25mm.

### Altro Mosaic Texture – AltroTect

Coloured with a full scatter of multi-coloured paint flakes sealed with two coats of AltroTect Clear to leave a textured high gloss finish.

### Altro Mosaic Glaze – AltroTect

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

Please see Product Selector Chart on page 13 for full details.



#### Altro Mosaic & Altro Mosaic Glaze finish

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 contact Altro technical services for further information.

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.

If you would like to vary the balance of colours within these blends, please consult Altro sales for more information.

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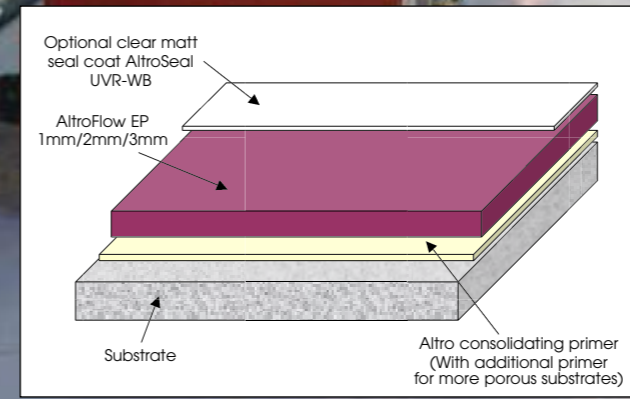
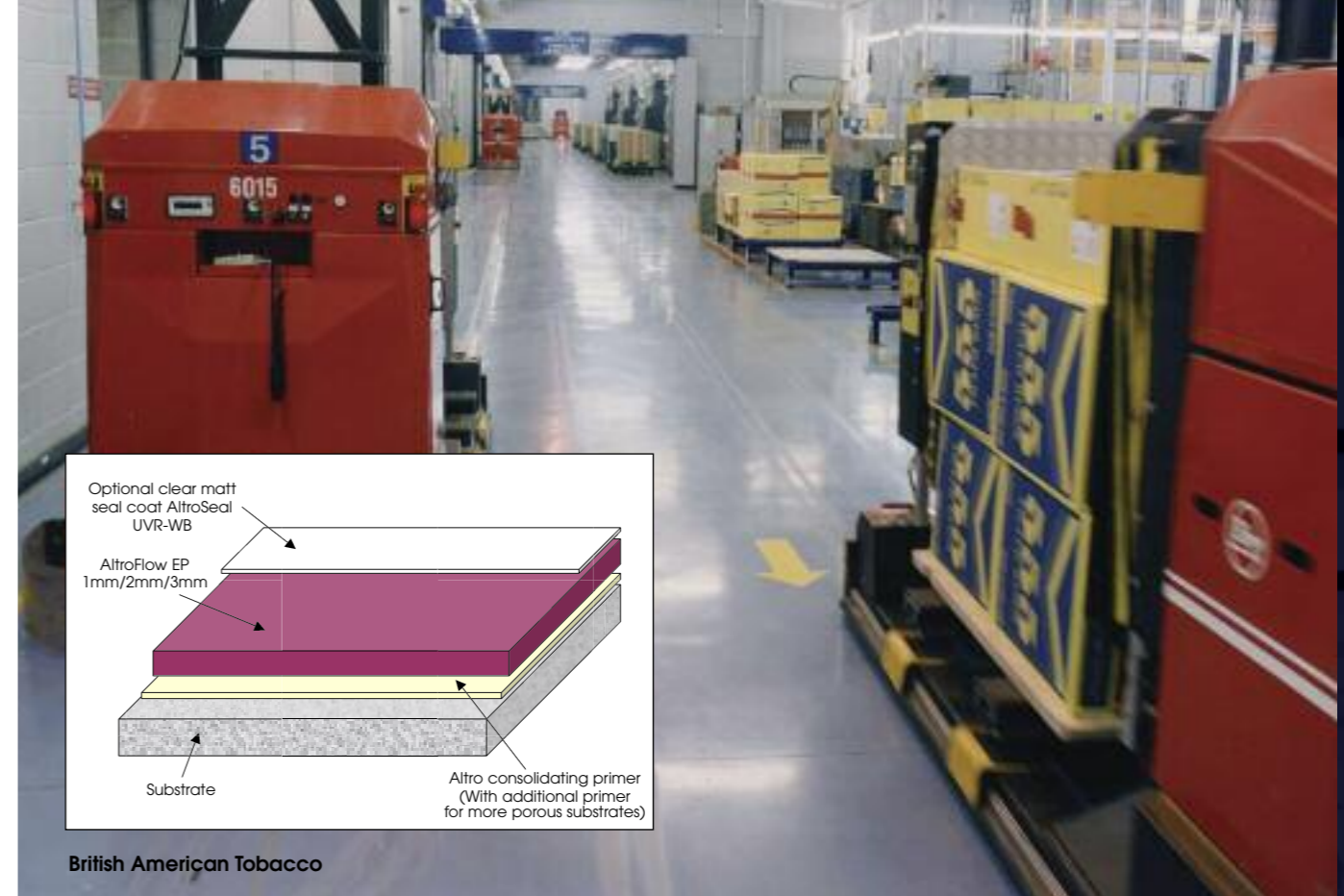
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British American Tobacco

## resin / AltroFlow™ EP

### AltroFlow

#### FeRFA type 5

A three-part solvent-free, epoxy resin system for application to level floors, providing an easily cleaned smooth, seamless surface, with good chemical and impact resistance. AltroFlow is finished to a high gloss and available with a choice of thickness of 1mm, 2mm and 3mm, to suit the texture of the substrate.

AltroFlow's versatility means that it is equally suited to many situations. It is regularly installed in commercial, pharmaceutical and industrial dry-process environments. Modified AltroFlow systems are available where slip-resistance is required. Please see AltroGrip and AltroGrip Quartz on pages 72-73.

Please see Product Selector Chart on page 12 for full details.



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 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 consult 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 contact Altro technical services for further information.

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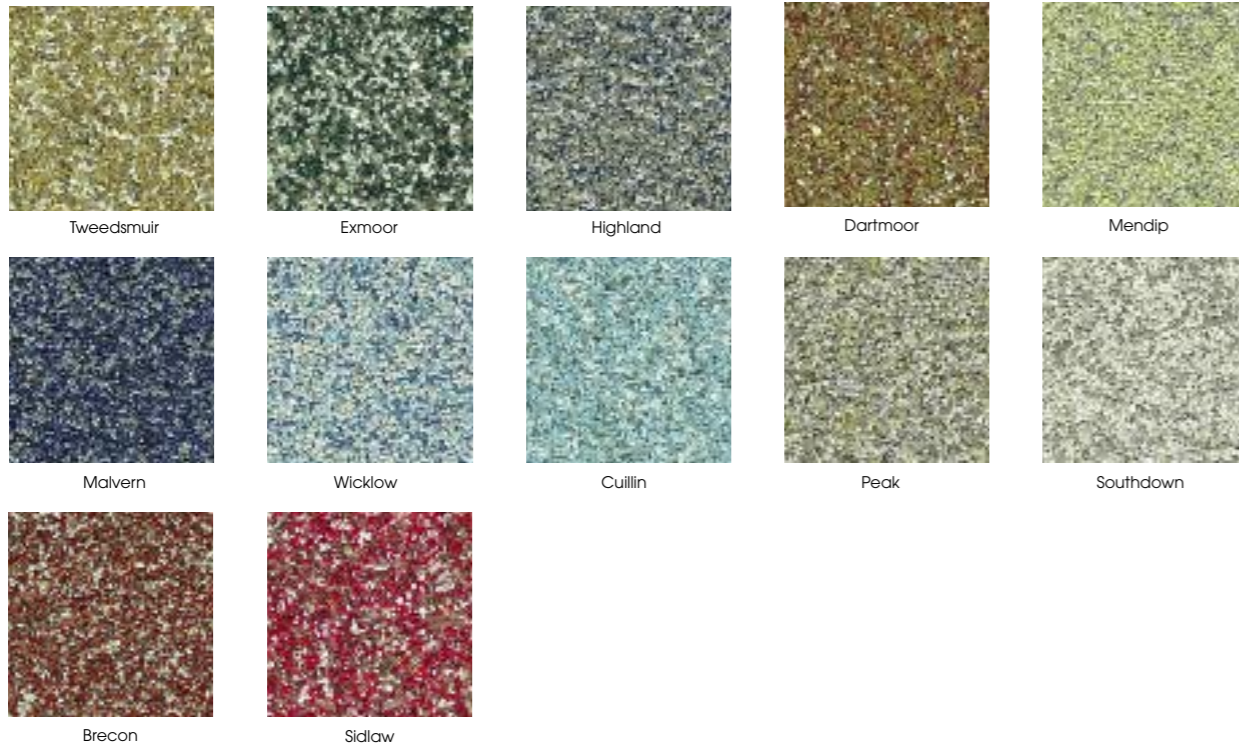
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## Altro TB Screed colour chart

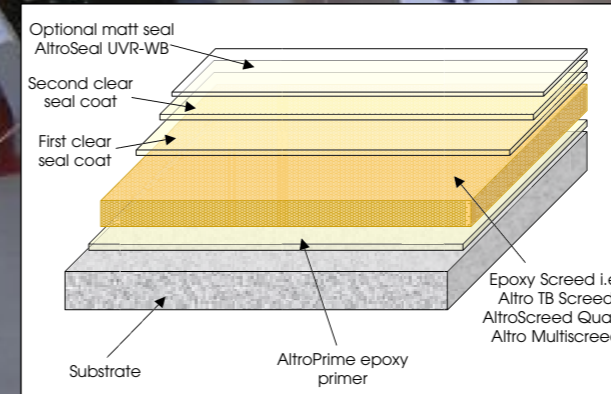
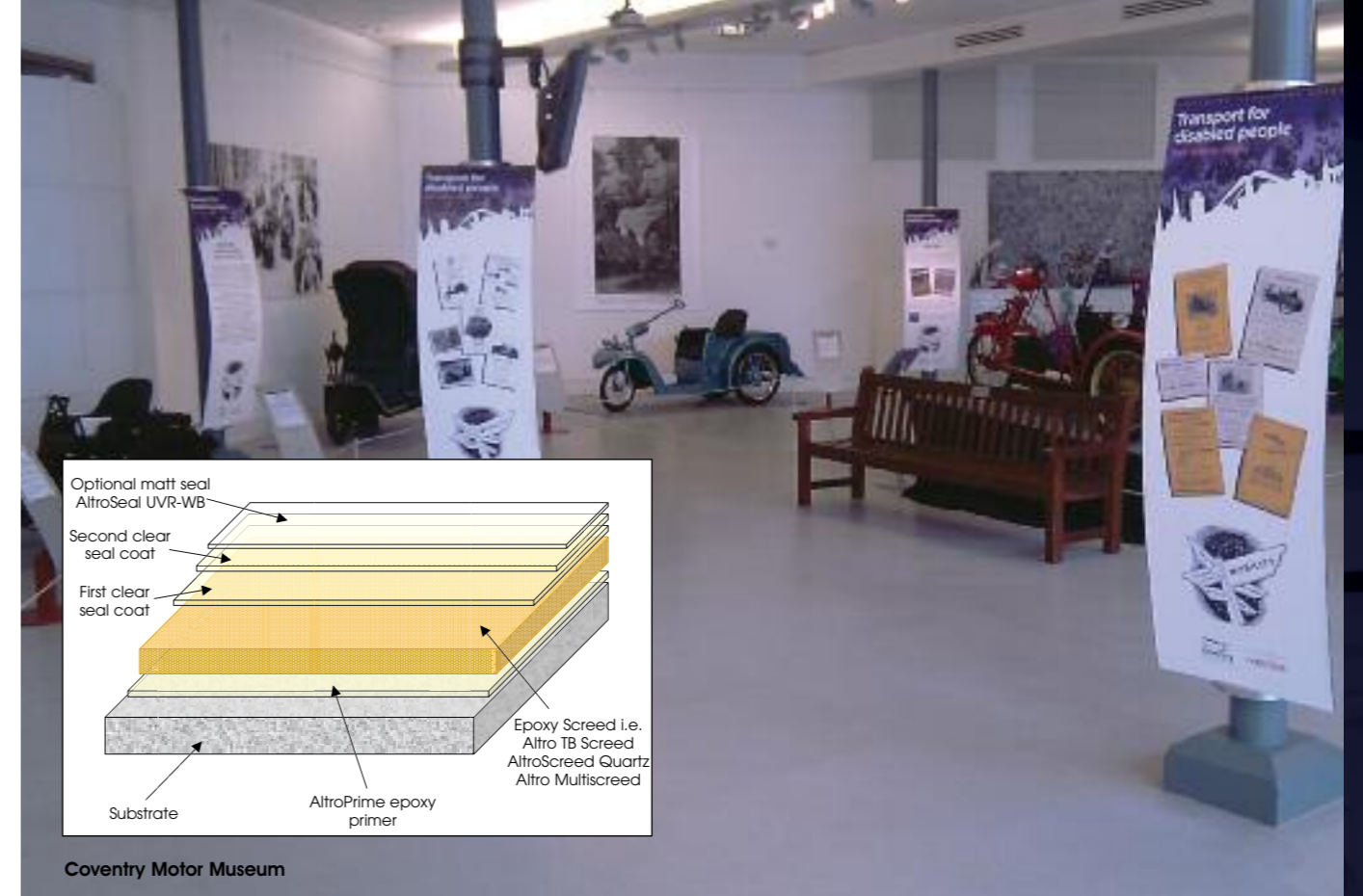


## Altro TB Screed Natural colour chart



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 contact Altro technical services for further information. 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.

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Coventry Motor Museum

## resin / Altro TB Screed™ / Altro TB Rapicure™

### Altro TB Screed FeRFA type N/A

A three-part solvent-free epoxy resin system comprising smaller size decorative quartz aggregate bound in clear resin and finished with clear seal coats. This combination of components provides a high-strength chemically resistant decorative floor finish. Altro TB Screed Natural combines the beauty of natural colours with practical performance. Both systems have a nominal thickness of 3mm, can be coved, laid to falls or applied to vertical surfaces.

### Altro TB Rapicure FeRFA type N/A

This product boasts all the credentials of Altro TB Screed, with the added benefit of seals from Altro's Rapicure Technology, allowing a rapid return to service with minimal lost time. It produces a solvent-free hygienic, durable decorative quartz screed, achieving full chemical cure 16 hours after sealing at 20°C, with no associated noxious odour under normal installation conditions. It has a nominal thickness of 3mm, can be coved, laid to falls or applied to vertical surfaces. An ideal flooring solution to industrial dry-process areas, custodial

environments, or as a wall finish in demanding situations and a variety of other installations.

### Colour flexibility

If you wish to vary the colour-blends shown opposite, for example to achieve LRV differential, please consult your Altro Technical Consultant. Conditions may apply.

Please see Product Selector Chart on page 13 for full details.



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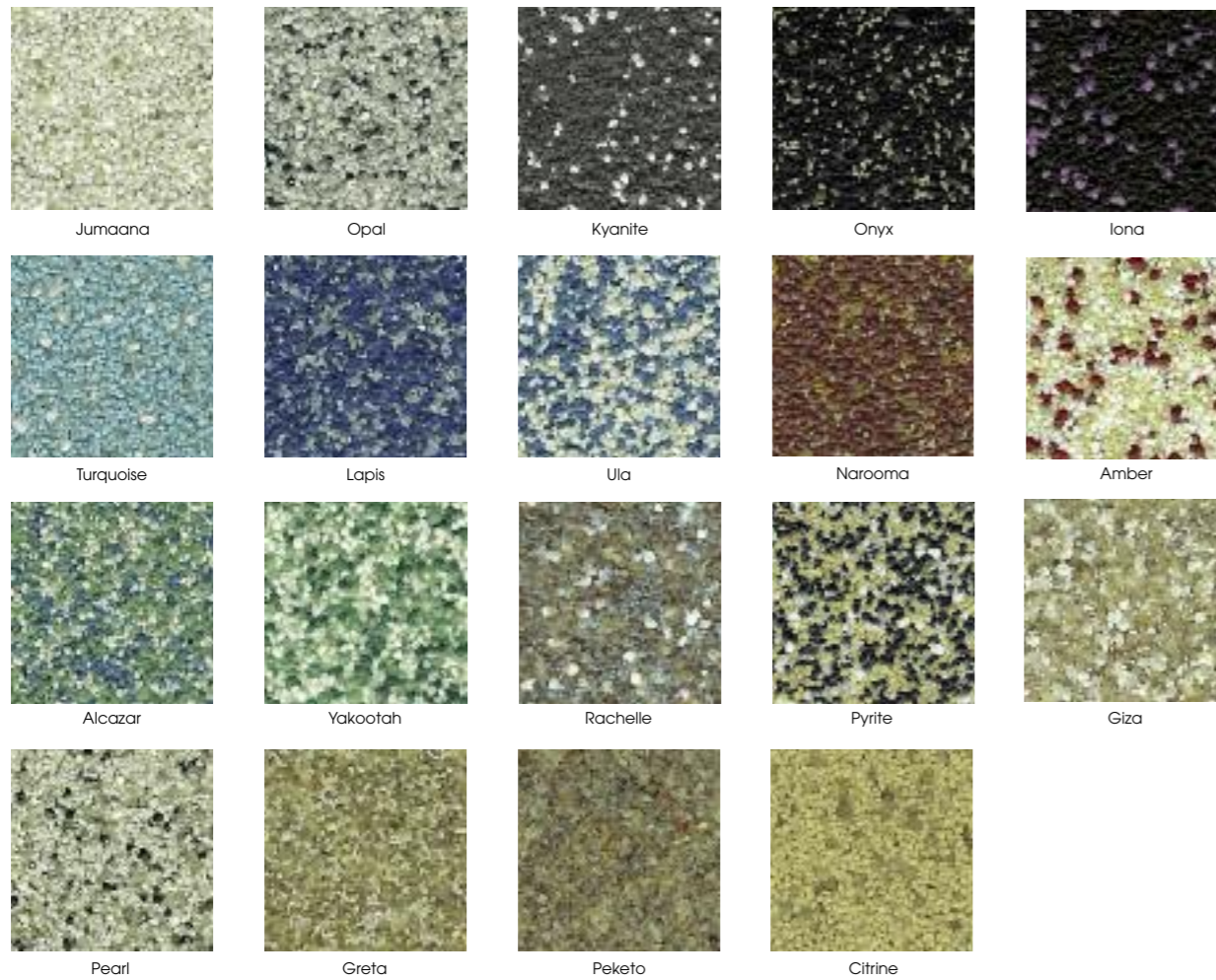
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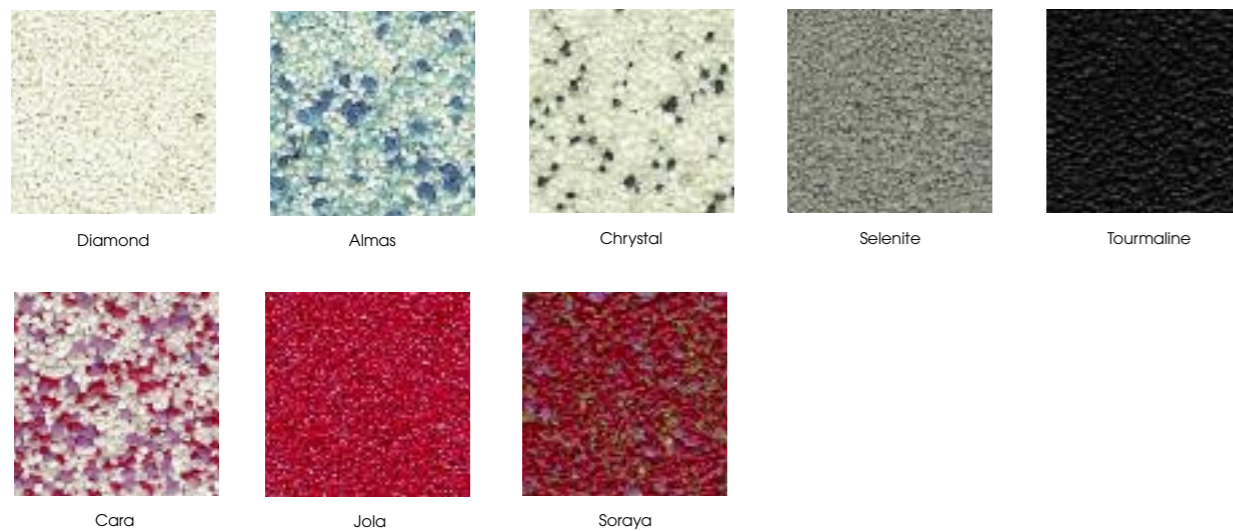
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## AltroScreed Quartz™ EP colour chart



## AltroScreed Quartz Boutique™ colour chart

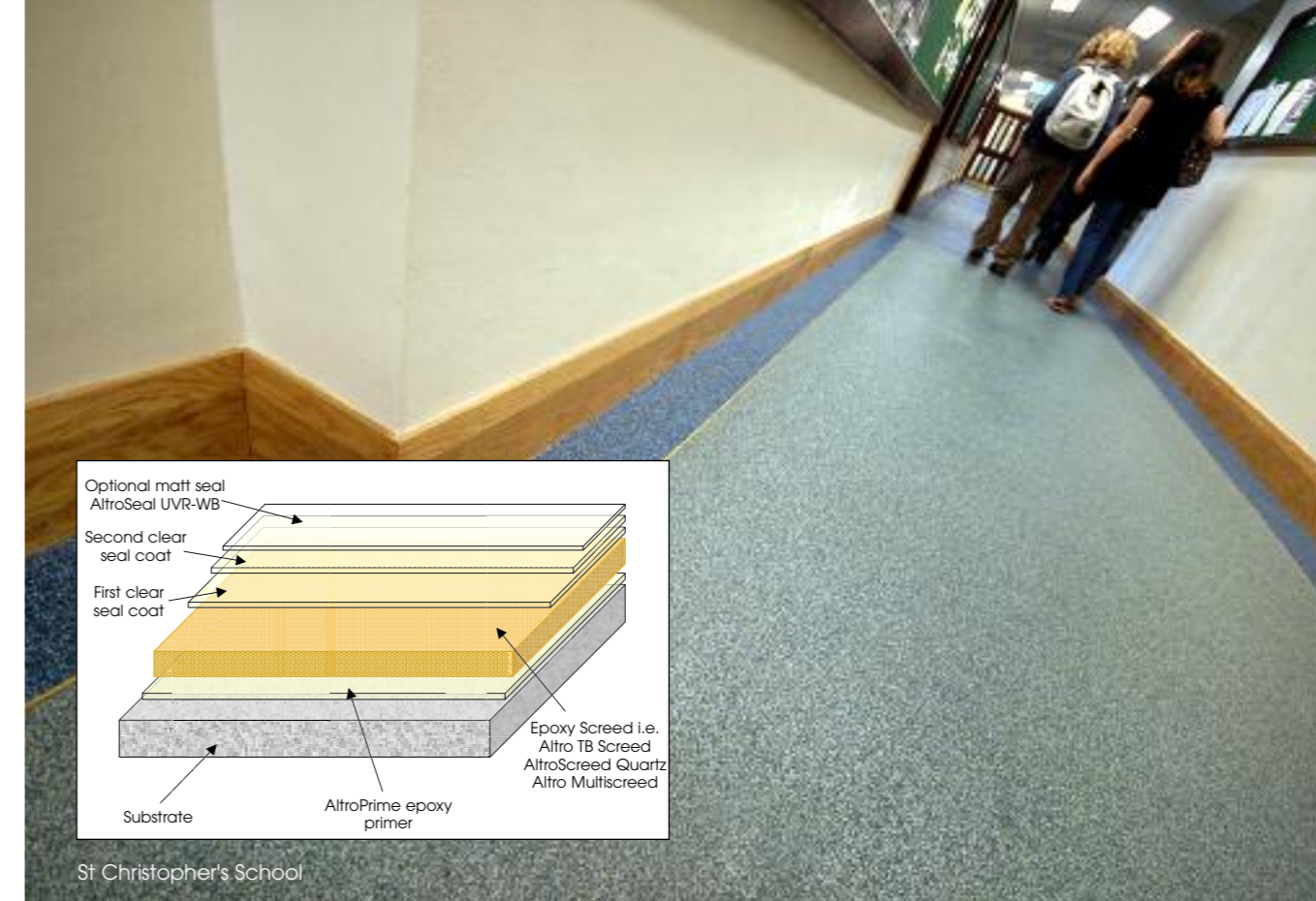


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## resin / AltroScreed Quartz EP™ / AltroScreed Quartz Boutique™

### AltroScreed Quartz EP

**FeRFA type 6**  
 A three-part solvent-free system in which blended decorative quartz aggregate is bound with clear epoxy resin and finished with clear seal coats. This product provides a high-strength chemically resistant decorative floor surface that can be covered and laid to drainage falls. It is available in nominal thickness of 4mm to 6mm. With moderate slip-resistance this system is ideally suited to medium-duty production areas, traffic routes, entrance lobbies, circulation areas, CDT rooms, laboratories etc.

### AltroScreed Quartz Boutique

**FeRFA type 6**  
 This system offers all of the benefits of AltroScreed Quartz EP, but in a colour palette developed to offer a more ambitious design opportunity. Inspired by the beauty of gem stones, this range offers a selection of stronger colours for those who wish to make a design statement. Available in 4mm to 6mm.

### Colour flexibility

If you wish to vary the colour-blends shown opposite, for example to achieve LRV differential, please consult your Altro Technical Consultant. Conditions may apply.

Please see Product Selector Chart on page 13 for full details.



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Derwent Thames Tamar Trent Medway



Wye Shannon Clyde

**Coming soon three additional colourways, please visit [www.altroresins.co.uk](http://www.altroresins.co.uk) for details.**



Bligh Junior School

## resin / Altro SoloSafe™

### Altro SoloSafe

#### FeRFA type 6

A slip-resistant, easy-clean, decorative three-part solvent-free epoxy resin screed incorporating Rapicure technology. This fast-cure, low-odour screed is ideal for a wide variety of areas where speed of installation and a rapid return to service are essential. This system is self-sealing, so reduces the time associated with the installation. With a unique design, the inherent slip-resistance is rated R11 and effective in both barefoot and shoed environments whilst remaining hygienic and easy to clean. Altro SoloSafe contains up to 30% content of post-

consumer recyclate. The product has been designed to reach full chemical cure after 16 hours at 20°C and suits such areas as leisure, education, hospitality, retail, food, drink & pharmaceutical industries as well as HMP, MOD and the emergency services.

Please see Product Selector Chart on page 12 for full details.



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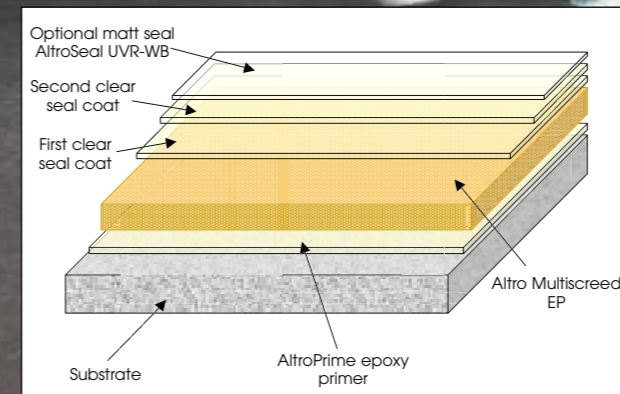
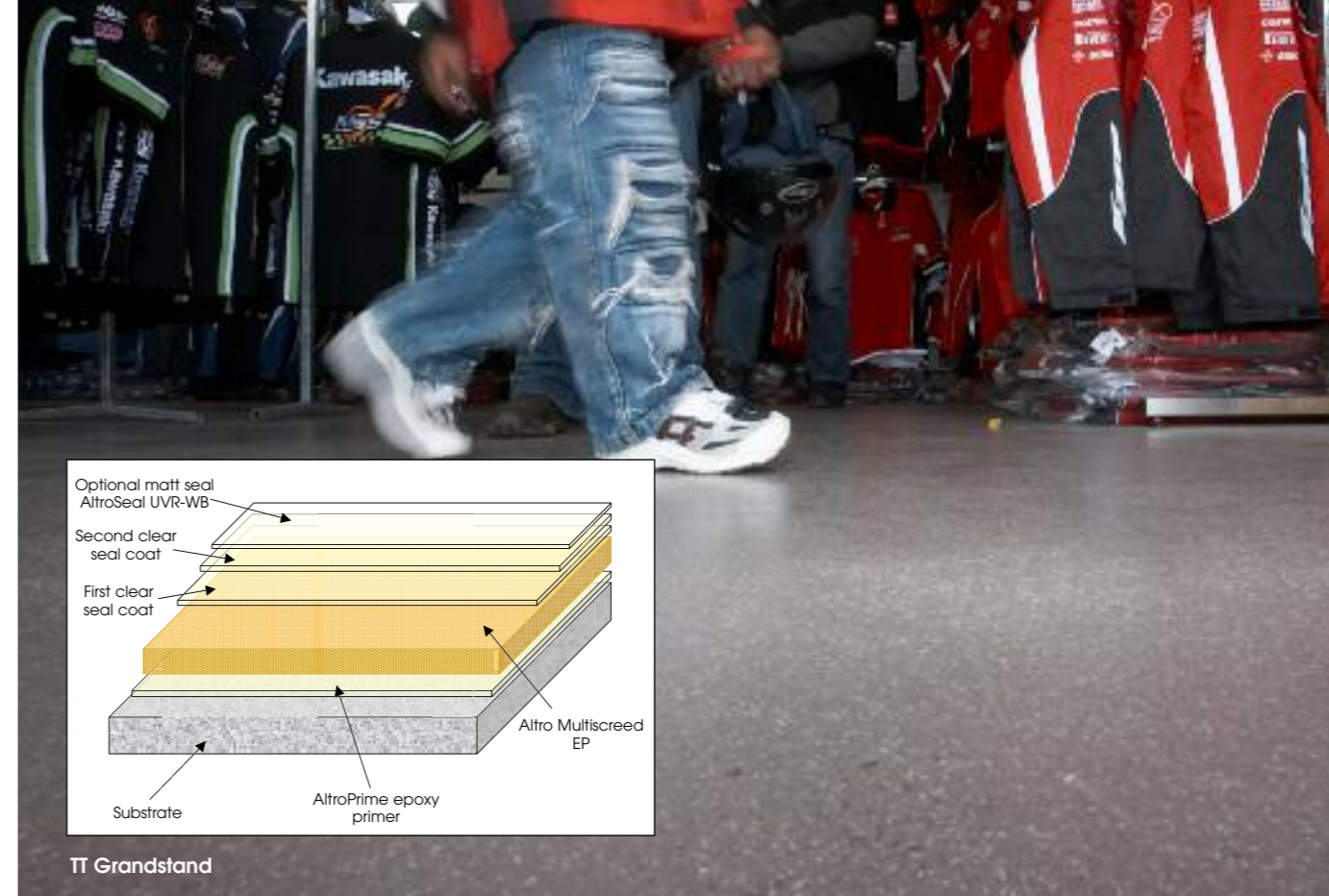
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TT Grandstand

## resin / Altro Multiscreed™ EP Naturals

### Altro Multiscreed EP Naturals

#### FeRFA type 6

A three-part, solvent-free epoxy resin system with an updated natural appearance, highlighting our ten most popular colourways which evoke tones of concrete and stone. Altro Multiscreed EP has improved performance and produces a high strength floor screed providing exceptional abrasion and chemical resistance. This system has a nominal thickness of 4mm, can be coved and laid to falls.

Please see Product Selector Chart on page 13 for full details.



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 contact Altro technical services for further information.

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. Please consult Altro for all chemical resistance details.

EXPERIENCE HAS SHOWN THAT PRINTING CANNOT REPRODUCE COLOURS ACCURATELY. IF COLOUR CHOICE IS CRITICAL, PLEASE REQUEST A SAMPLE OF THE MATERIAL.



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Your choice of 27 background colours

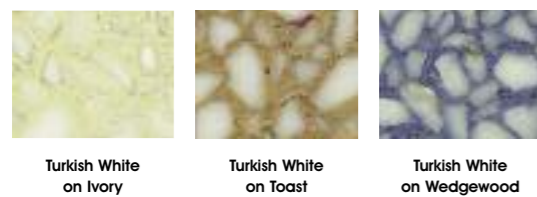


Your choice of 5 marble chip colours



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

Turkish White Marble Chip



Italian White Marble Chip



Grey Marble Chip



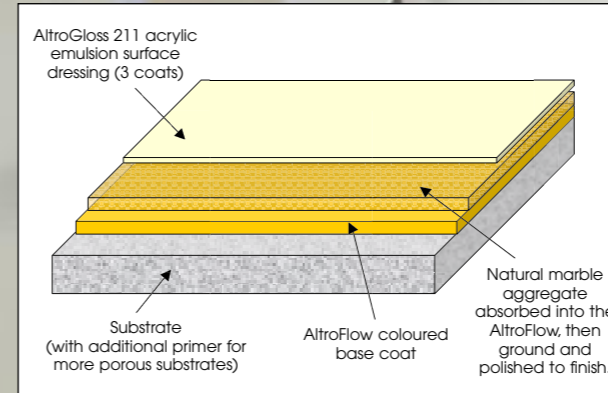
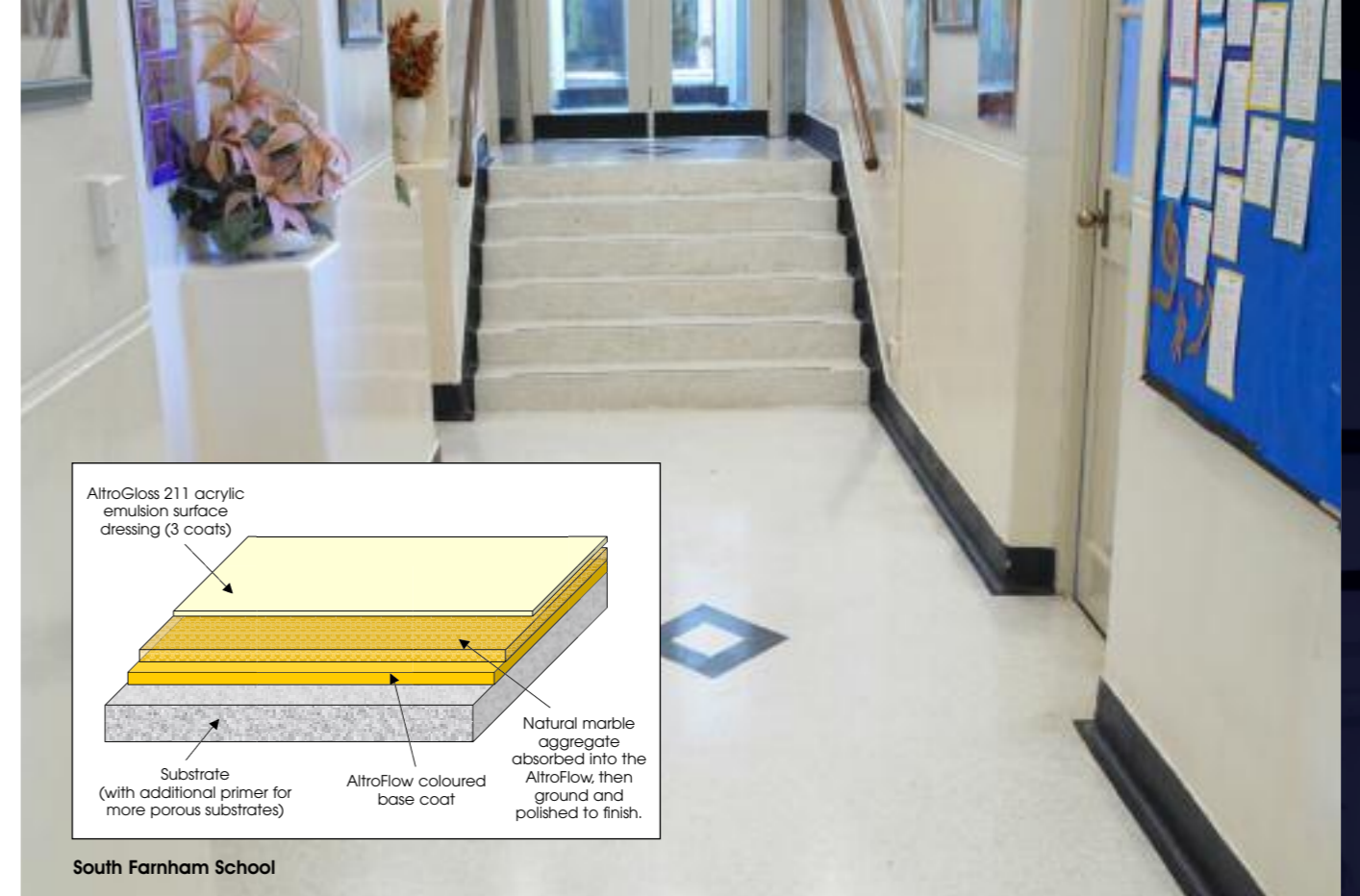
Verdi Marble Chip



Verona Marble Chip



Pale colours may show some cosmetic discolouration on exposure to UV light. Please contact Altro technical services for further information.



South Farnham School

resin / Altro Terrazzolite™ EP

Altro Terrazzolite EP  
FeRFA type 6

A decorative four-part solvent-free epoxy resin system, Altro Terrazzolite EP will provide design flexibility and revolutionise the way you think about resin floor applications. A lightweight, seamless, sophisticated marble-look resin that will deliver more than a touch of class to any corridor, reception or retail area. This system utilises naturally-coloured marble chips bound together with a coloured epoxy resin and is then ground and polished. It has a nominal thickness of 6mm.

Available in 27 standard background colours and five standard marble chip colours to produce a custom design which is hard-wearing and easy to clean.



Call 01462 707700 to request the Altro Terrazzolite colour selection wheel

Please see Product Selector Chart on page 13 for full details.



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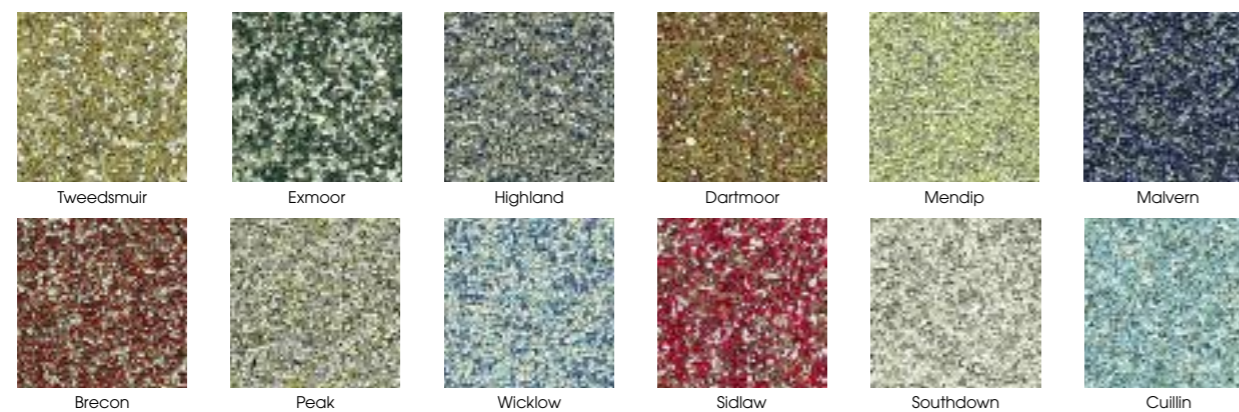
product information:

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## AltroGrip standard single-colour chart



## Altro TB + Cast Colour Chart



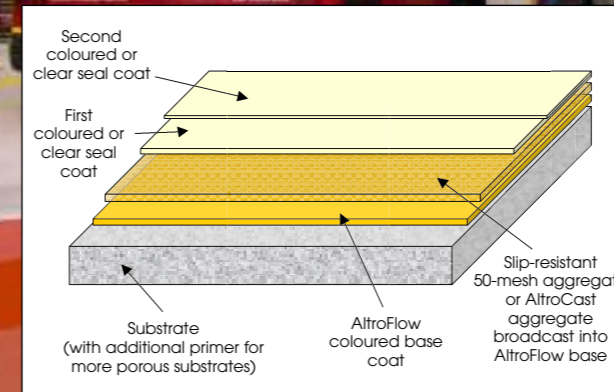
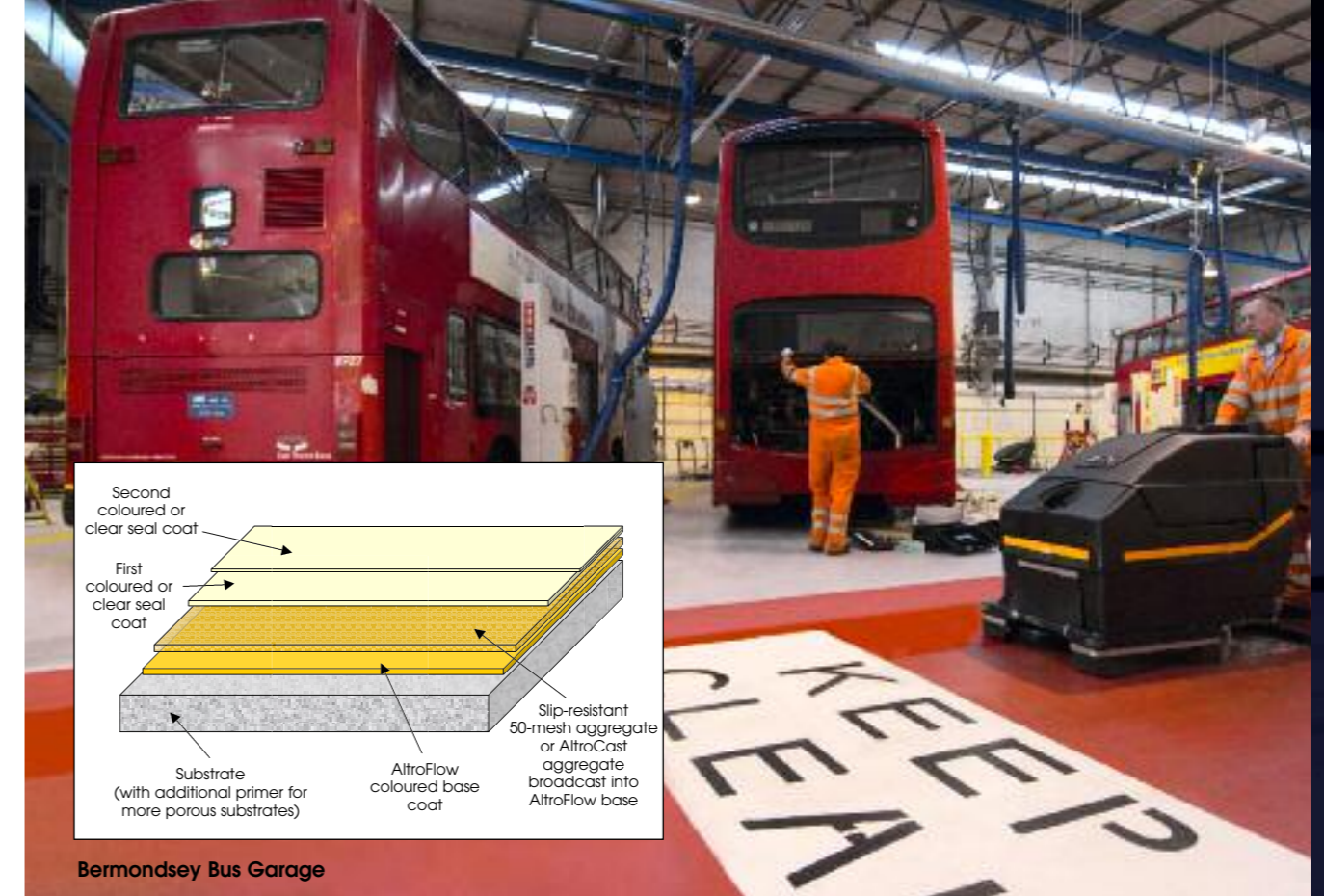
FerFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

Pale colours may show some cosmetic discolouration on exposure to UV light. Please contact Altro technical services for further information.

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. Please consult Altro for all chemical resistance details.

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Bermondsey Bus Garage

## resin / AltroGrip™ / AltroGrip Quartz™ / Altro TB+Cast™

### AltroGrip

#### FeRFA type 4

A modified flow-applied system incorporating 50-mesh aggregate to produce a system providing excellent impact, abrasion and chemical resistance. This system is available in nominal thicknesses of 2mm, 4mm and 6mm, which is determined by the thickness of AltroFlow resin used as the foundation of the system. A single colour system available in 26 standard colours.

### AltroGrip Quartz

#### FeRFA type 4

A decorative or single colour system providing a greater degree of slip-resistance than AltroGrip due to the larger aggregate size. The decorative systems utilise AltroScreed Quartz or AltroScreed Quartz Boutique colourways, added to an AltroFlow base to increase slip-resistance, in thicknesses of 2mm, 4mm and 6mm and sealed with clear epoxy. Please see the AltroScreed Quartz colour chart on page 64.

### Altro TB + Cast

#### FeRFA type 6

A three-part solvent-free decorative epoxy screed system offering 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 Chart on page 13 for full details.



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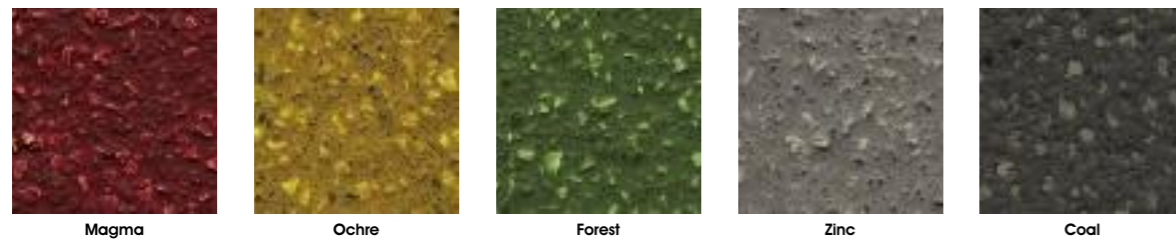
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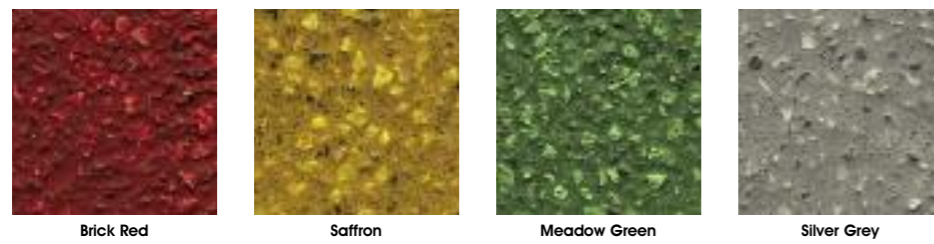
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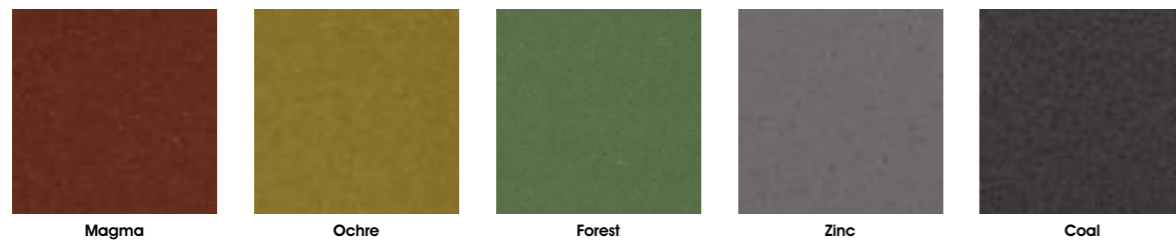
## AltroCrete PU Excel colour chart



## AltroCrete PU Fast Track colour chart - rapid cure (cures in as little as 5 hours)



## AltroFlow PUM Excel colour chart



Most polyurethane resin screeds should be considered more functional than decorative. Exposure to ultra violet light sources will cause a cosmetic yellow discolouration. This effect will be most pronounced in pale colours and blue/grey shades. Please be aware of this when placing these products into colour sensitive areas and contact Altro technical services for further information.

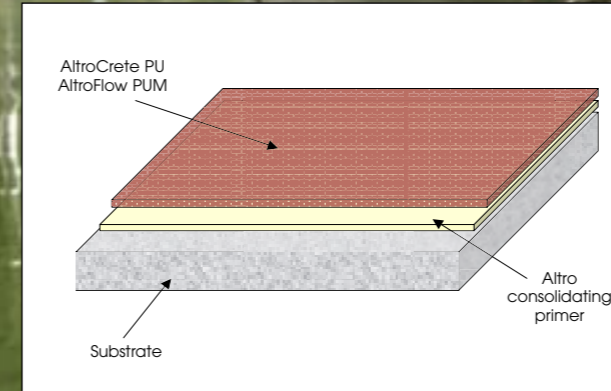
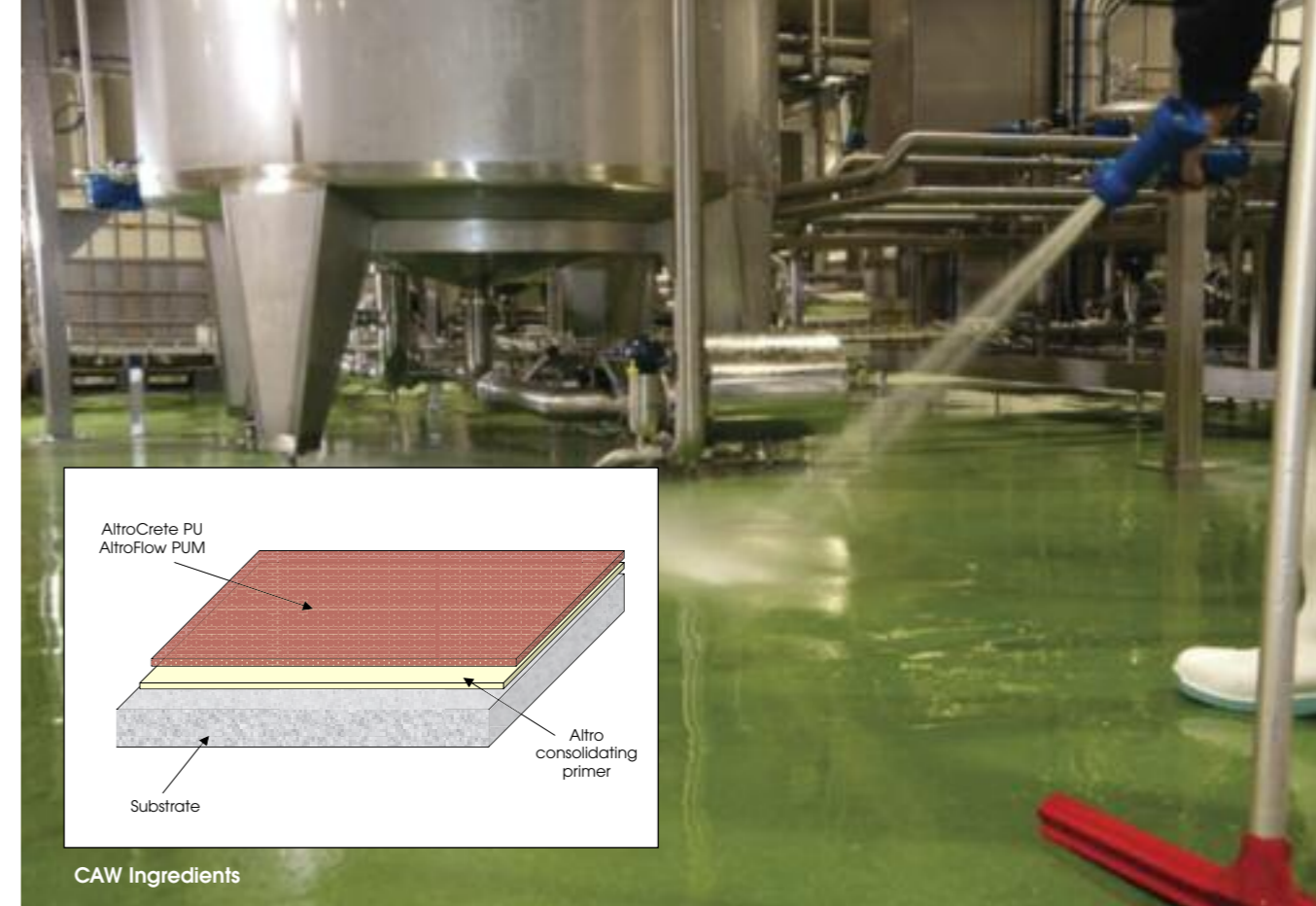


FerFA (The Resin Association) do not consider anhydrite, hemi-hydrate and calcium-sulphate screeds to be suitable for overlayment with resin floor finishes.

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 PU resins are specifically designed for use in industrial and functional commercial environments where they offer excellent performance. Altro PU products are not proposed for cosmetically sensitive installations. Altro do not promote resin products for use in domestic applications, on-site support is not available for such installations.

EXPERIENCE HAS SHOWN THAT PRINTING CANNOT REPRODUCE COLOURS ACCURATELY. IF COLOUR CHOICE IS CRITICAL, PLEASE REQUEST A SAMPLE OF THE MATERIAL.



CAW Ingredients

## resin / AltroCrete™ PU Excel / AltroFlow™ PUM / AltroCrete™ PU Fast-track

Polyurethane screeds are available in self-smoothing or textured format and a variety of depths for medium duty and heavy-duty. These functional resins are designed for industrial food & drink manufacture, high output kitchens and other general industrial applications. Altro's range of 2-9mm polyurethane screeds has been independently tested by the Campden & Chorleywood Food Research Association for taint-free installation and excellent hygienic performance. The Altro PU range has been shown to meet the requirements of the European Food Safety Directives 852/2004 and 853/2004 Regulations in 2006.

### AltroCrete PU Excel

A 5-9mm textured floor finish for heavy duty areas of potential spillage, increased temperature range, (-40°C to +120°C at 8mm+). This system also offers excellent resistance to impact or abrasion and resistance to a wide range of chemicals including organic acids found in foodstuffs. Available in standard cure or fast-track options for food and drink production areas and heavy industrial applications.

### AltroFlow PUM

A medium duty 2-4mm flow applied, smooth surface, matt finish with a degree of slip resistance in dry process areas. It is designed for dry food production areas and general industrial environments such as aviation or engineering.

### AltroCrete PU Fast-Track

With all of the performance of AltroCrete PU Excel, but with the added benefit of a rapid cure, in as little as 5 hours, to reduce downtime.

Please see Product Selector Chart on page 13 for full details.



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## AltroStat colour chart

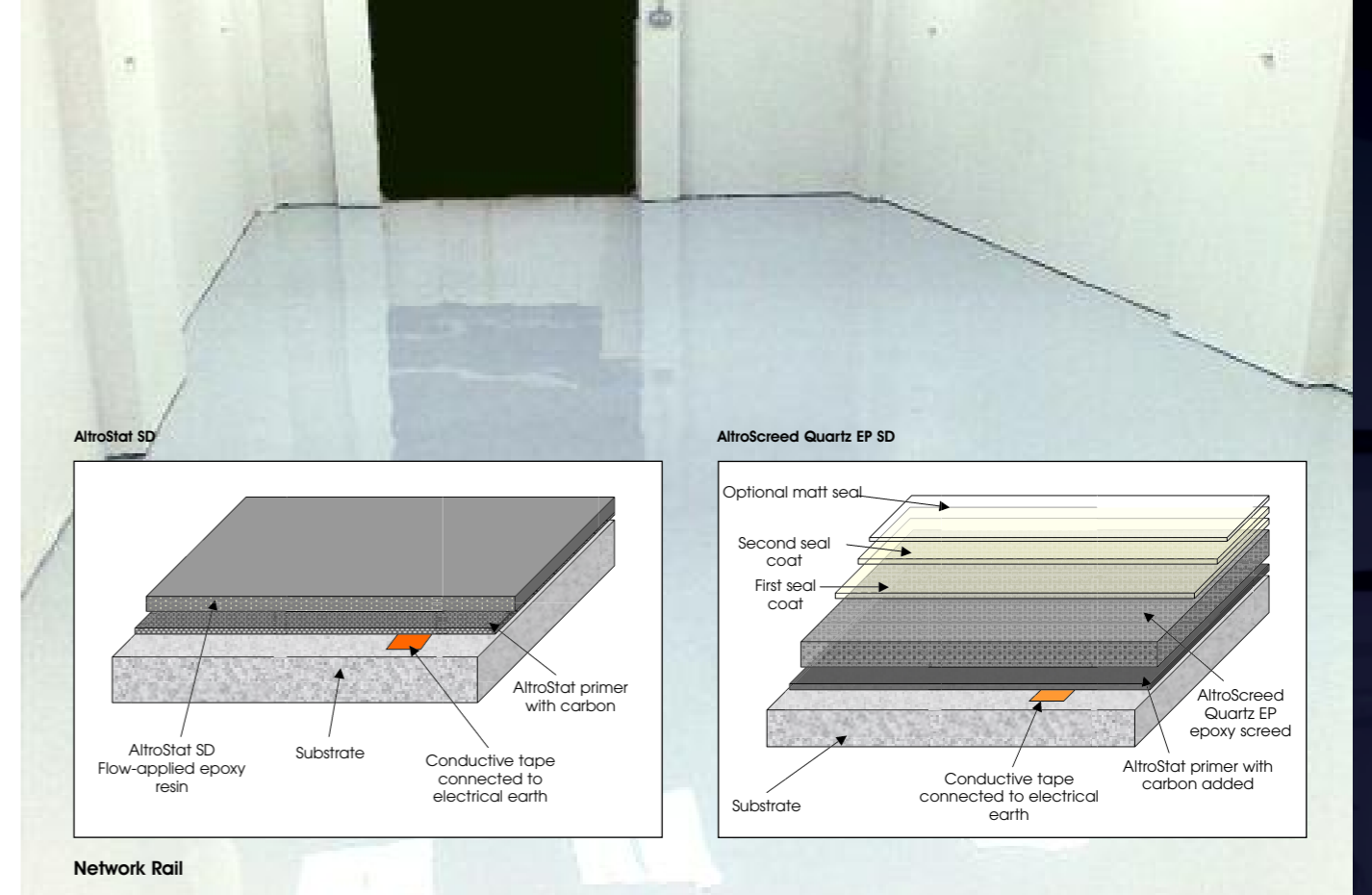


## AltroScreed Quartz EP SD Colour Chart



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, AltroStat SD may exhibit micro-scratching with traffic, this may be more evident on dark colours. To minimise this effect, various options are available i.e. correct maintenance and entrance matting. Please consult Altro sales for more information and chemical resistance details.

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

Altro static dissipative resin systems provide safe conditions for potentially hazardous or electronically sensitive environments, with 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.

**AltroStat SD**  
**FeRFA type 5**  
A three-pack, solvent-free, flow applied 3mm epoxy resin, for prepared substrates treated with AltroStat primer. AltroStat SD provides a smooth gloss finish, which, if required, will accept AltroSeal UVR-WB to create a matt finish.

**AltroQuartz EP SD**  
**FeRFA type 6**  
A three-pack, solvent-free dissipative 4mm screed, with multi-colour aggregate for the added benefit of a surface texture with slip resistance, also used in conjunction with AltroStat primer.

Please see Product Selector Chart on page 14 for full details.



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## AltroSeal™ UVR / AltroCoat™ V / AltroTect™ V / Altro TB Screed™ / Altro TB™ Rapicure / AltroMosaic™

Some environments call for more durable, hygienic or chemically resistant wall finishes. These may range from laboratories to secure/custodial units and from wet-room bathing facilities for healthcare environments to high-use shower facilities for sport or defence establishments. 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

A twin-pack, solvent-based polyurethane, chemically and UV resistant polyurethane coating for improved colour stability in light colours, although additional coats may be required over darker substrates. For colour options see AltroSeal UVR colour chart on page 52.

### AltroCoat V

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 that 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 AltroCoat colour chart on page 52.

### 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 AltroTect colour chart on page 54.

### Altro Mosaic

These decorative multi-layer finishes can be applied to walls and/or floors. Offering two slightly different textures, one a vibrant glossy finish, the other a subtle glazed matt appearance.

For colour options see Altro Mosaic colour chart on page 58.

### AltroTB Screed & AltroTB Rapicure

Available in both standard and fast-cure seal coat options, 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 Altro TB Screed colour chart on page 62.



Altro Mosaic	6 year warranty
Altro TB Screed / Altro TB Rapicure	10 year warranty
AltroSeal UVR / AltroCoat V / AltroTect V	2 year warranty

## AltroProof Solo™ / AltroProof Duo™ / AltroExpand™ / AltroPol™ / AltroPatch UFC™

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, suppression and control of moisture within the substrate, patching of eroded substrates and the ability to fill substrate movement joints with a strong, but flexible medium. The products listed below fulfil those associated requirements to allow a comprehensive and detailed specification with single-point material warranties.

### AltroProof Solo

A two-part solvent-free, high-build epoxy resin moisture vapour suppressant (MVS) membrane designed as a one coat system to accommodate all types of floor finishes. Used in place of a standard resins system primer, it will provide a vapour-barrier against levels of residual construction moisture to a maximum of 95% RH.

### AltroProof Duo

A two-component, solvent-free, high-build epoxy resin surface damp-proof membrane, isolating moisture to provide protection for moisture-sensitive floor finishes. It is applied as a two coat system, in place of a standard resin primer to provide protection against substrate moisture to a maximum of 97% RH.

### AltroExpand

A twin-pack, elastomeric epoxy resin jointing compound designed as a pourable filling for movement joints within the substrate, AltroExpand provides a degree of flexibility to accommodate compression, whilst offering support to the arris of the joint when subjected to heavy wheeled traffic. A knife-applied grade is available for vertical use.

### AltroPol

A styrene-butadiene co-polymer liquid-additive which displaces an amount of gauging water, enhancing the strength and performance of cementitious screeds. It should be added at the time of mixing, prior to placement of the screed.

### AltroPatch UFC

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.



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