

- 1 / Altro Mosaic
- 2 / AltroCast
- 3 / Altro Vetro
- 4 / Altro Multiscreed EP
- 5 / Altro Terrazzolite EP
- 6 / AltroFlow
- 7 / Altro Vetro
- 8 / AltroSeal
- 9 / Altro Pebblestone



resin systems / where function meets fashion /

Resin. A dream for both interior designers and specifiers for the harshest, industrial environments. If there's a more robust and versatile flooring, we'd love to hear about it. Resins are equally at home in high-street boutiques, bakeries and kitchens, warehouses and a

wide range of factories. Altro's long experience in formulating resins in its own specialist laboratories is your assurance of optimum performance. A unique, 6 year product warranty is offered across the range.



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 aesthetic, functional and cost requirements
- Superb functional performance
 - impact and point loading resistance
 - chemical resistance
 - flexibility to accommodate movement, e.g. mezzanine floors
 - strength and durability
 - slip resistance (with suitable inclusions)
 - unique 6 year warranty on most resin systems
- Seamless, impervious, coveable, unaffected by dust and easy to clean for hygienic and clean room environments
- Steam cleanable grades available
- Static dissipative grades available
- Rapid or slow cure
- Choice of solvent and solvent-free/low odour formulations
- Contains bacteriostat for enhanced hygiene



A surface without limits



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. So if you need a special colour to match a client's brand, you'd like to incorporate a logo or just do something different, Altro has the answer.



Resin floor classifications

The Federation of Resin Formulators & Applicators (FeFRA) 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 & Applicators Resin Flooring Classification

type	description	notes
FeRFA 1	Floor Seal	2 coats up to 150 micron final thickness, solvent or water borne
FeRFA 2	Floor Coating	2 or more coats at 100 micron each, solvent-free or water borne
FeRFA 3	High Build Floor Coating	2 or more coats at 300-1000 micron final thickness, solvent free
FeRFA 4	Multi-layer Flooring	Floor coating or flow applied, multi-layers to 2mm, aggregate dressing
FeRFA 5	Flow Applied Flooring	2-3mm thickness, self smoothing, smooth or dressed surface
FeRFA 6	Screed Flooring	4mm thickness, heavily filled, trowel finished, usually surface sealed
FeRFA 7	Heavy Duty Flowable Flooring	4-6mm thickness, aggregate filled, smooth or dressed surface
FeRFA 8	Heavy Duty Screed Flooring	6mm thickness, aggregate filled, trowel finished, system applied, impervious throughout

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 – 5mm)

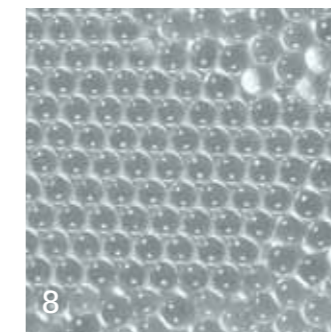
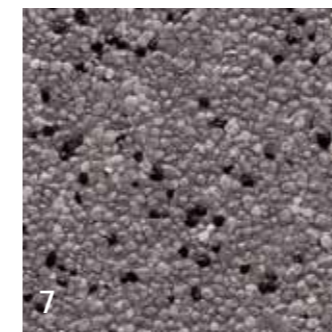
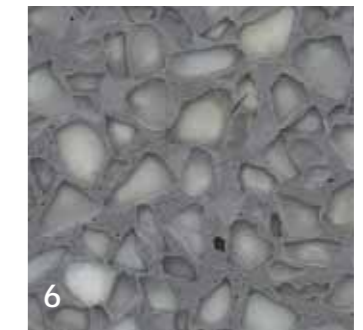
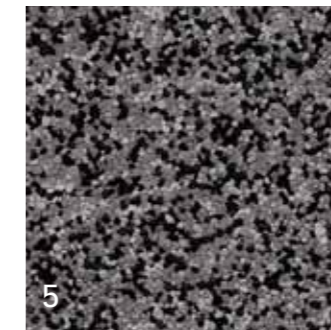
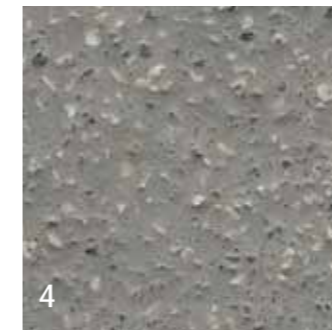
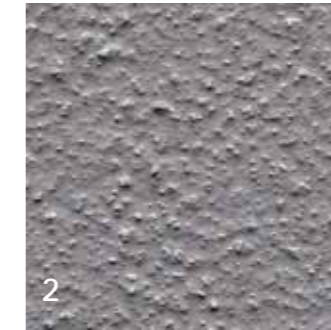


Trowel Applied Screeds (4mm - 9mm)



Selecting resin textures and finishes

We have 28 colour bases (plus new vibrant colours) to be combined with a wide range of textures and finishes. These are demonstrated below against a single colour. Each will achieve a different look, feel and level of performance.



- 1 / AltroFlow PU M
- 2 / AltroGrip Plus
- 3 / Altro Multiscreed EP
- 4 / Altro PU HD
- 5 / AltroCast
- 6 / Altro Terrazzolite EP
- 7 / AltroScreed Quartz EP
- 8 / Altro Vetro