



altro

Cannabis production

An introduction to using Altro floors + walls within the cannabis industry

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learning library



Our story begins in 1919 when a small group of individuals had an idea...

That idea has grown into a global company with over 900 employees and one idea has become many. From inventing safety flooring and developing an integrated hygienic walls system to creating the world's first adhesive-free safety floor.

While the world in 1919 couldn't seem more different from today's our excitement at embracing and developing new technologies and ways of working with our customers is exactly the same as back then.

Add to this, we remain a family business, with family values and I think you have the reason why we're here today, over 100 years later.

our history



To work across multiple sectors requires real-world understanding.

The ability to design for a purpose and address the challenges, issues and regulations for each industry without ever compromising on quality or safety.

We work in the following sectors including niche areas within these sectors;

Healthcare

Hospitality

Transport

Education

Housing

Food + drink production

Leisure

Retail + offices

Prisons + defense

Manufacturing + warehousing

our expertise

Altro offers a complete floor and wall solution. It's an integrated solution, which means it fits together perfectly to provide a hygienic, watertight surface.

- ✓ Consistent quality
- ✓ Effective detailing
- ✓ Fully-sealed system
- ✓ On-site thermoformed walls
- ✓ Heatwelded seams
- ✓ Easy-to-clean



Where can Altro floors + walls be used within the Cannabis industry?

- ✓ Growing areas
- ✓ Processing + manufacturing areas (concentrates, edibles, etc.)
- ✓ Cleanrooms (Altro conforms to USP 797 + USP 800 standards)
- ✓ Retail and front-of-house areas
- ✓ Back-of-house, employee areas, restrooms, etc.
- ✓ Offices and administration spaces

Why specify Altro in cannabis facilities?

- ✓ Fully-sealed and hygienic
- ✓ Extremely durable with high static load limits
- ✓ Non-shedding
- ✓ Free from cracks and fissures
- ✓ Resistant to constant cleaning
- ✓ Slip-resistance and comfort underfoot
- ✓ Withstands cleaning + sanitization
- ✓ High stain + chemical resistance
- ✓ Able to cove flooring
- ✓ Heatwelded for seamless finish
- ✓ Full spread wall adhesives – no pathways for insects
- ✓ Long warranties
- ✓ Variety of colors and looks

Better state inspections with Altro

Failed or low-scoring state inspections will result in loss of license (varies by state)

Reasons for loss of license can include; fungi, mildew, mold, detritus, evidence of pests

Look for finishes that will increase your odds of passing state inspection, reduce the likelihood of pests or organism growth, and meet hygienic and sanitization needs.

- ✓ Make sure you have the right wet area detailing, washable surfaces
- ✓ Can your floor handle the weight of equipment/static load?
- ✓ Maintain a budget and stay price conscious
- ✓ And of course aesthetics while keeping functionality!

Drain details

Altro flooring integrates directly with drains for areas where prone to water accumulation.



Altro flooring vs. resinous epoxy finishes

Resinous epoxy:

- ✓ Topical slip resistance only
- ✓ Will crack, flake, peel with subfloor movement
- ✓ Manufactured on-site, prone to inconsistencies in mixture
- ✓ High VOCs and odor
- ✓ No bio based or recyclable content

Altro flooring:

- ✓ Slip resistance throughout the life of the product
- ✓ Better underfoot comfort
- ✓ Static loads in excess of 2,000 psi
- ✓ Manufactured in ISO compliant factories in USA, England, Germany
- ✓ Products are low in VOCs and include bio-based and/or recycled content

Cannabis manufacturing facility



Cannabis manufacturing facility





Cannabis manufacturing facility



Cleanrooms



Employee areas



Wet areas



Sterilization areas







Breakrooms



Office spaces



Altro Symphonia

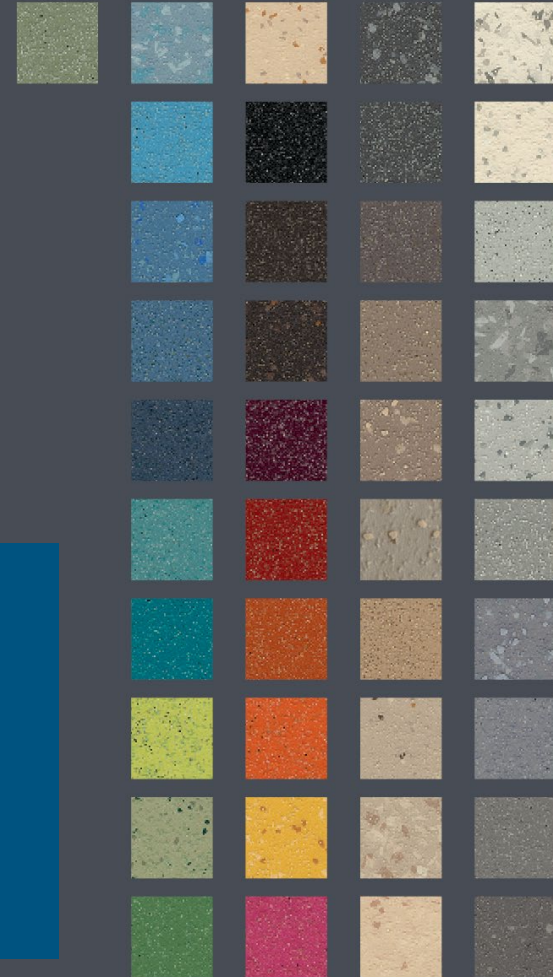
Smooth flooring with added slip resistance – heterogeneous sheet

Altro Symphonia is smooth to the touch and easy-to-clean yet will secretly enhance pedestrian safety. The product is impervious, free from cracks and crevices, and non-shedding.

Thickness	2.0mm
Dimensions	6'7" x 65' 5" (2m x 20m)
Static load	2000psi
Sound insulation	5dB
Warranty	10 years

Slip-resistance

SCOF	.8 Dry / .9 Wet
DCOF	.38 Wet
Ramp test	R10



Altro Operetta

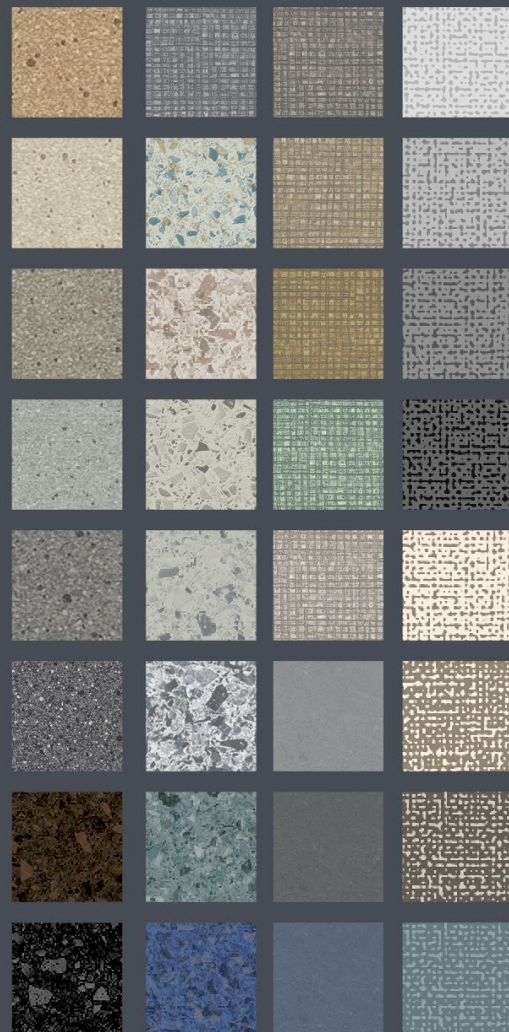
Smooth flooring – heterogeneous sheet

Altro Operetta is a robust floor perfect for medium to high traffic areas. It is easy to clean and maintain. The product boasts a surface profile that is smooth, impervious, free from cracks and crevices, and non-shedding.

Thickness	2.0mm
Dimensions	6'7" x 65' 5" (2m x 20m)
Static load	2000psi
Sound insulation	4dB
Warranty	10 years

Slip-resistance

SCOF	.7 Dry / .8 Wet
DCOF	.49 Wet
Ramp test	R10



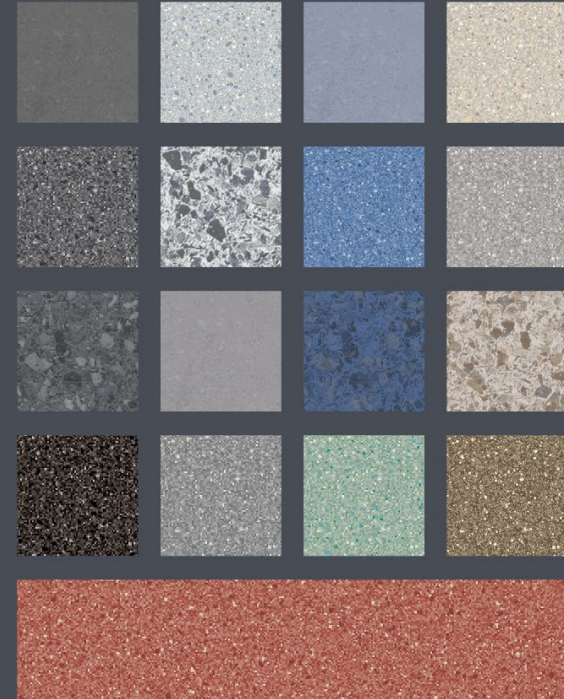
Altro Cantata

Adhesive-free smooth flooring – heterogeneous sheet

Altro Cantata is an adhesive-free floor that creates maximum impact with minimum downtime. Using our award-winning adhesive-free installation method, it can be welded and walked on the same day, and at the end of its life can be removed easily, allowing it to be reused or recycled.

Thickness	2.2mm
Dimensions	6'7" x 65' 5" (2m x 20m)
Static load	2000psi
Sound insulation	7dB
Warranty	10 years

Slip-resistance	
SCOF	.7 Dry / .9 Wet
DCOF	.32 Wet
Ramp test	R10
Pendulum test	n/a

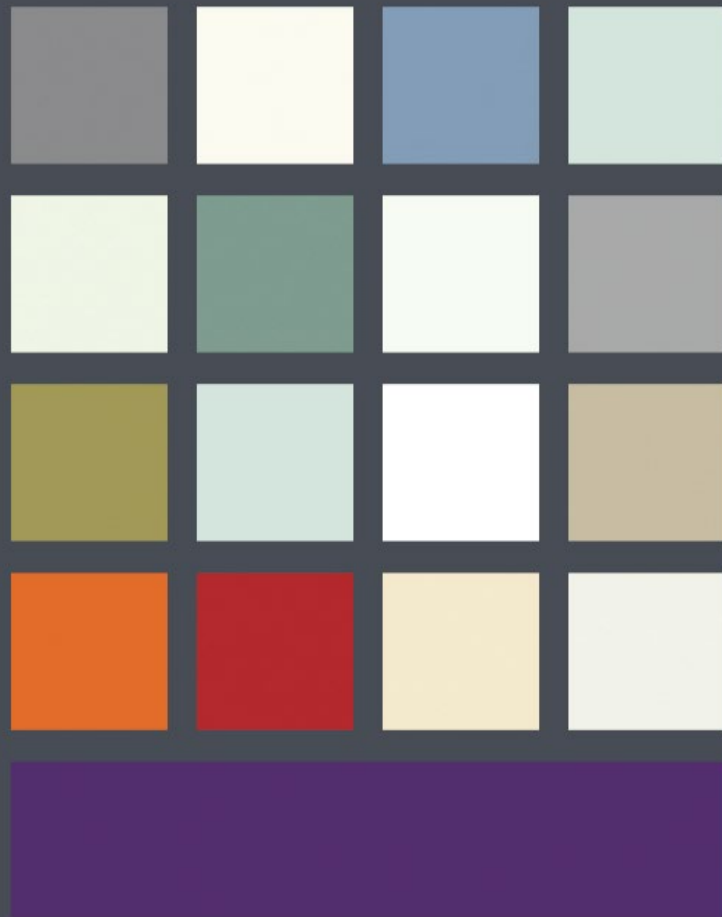


Altro Whiterock

Hygienic wall cladding system

Altro Whiterock's smooth, durable, hygienic, and easy-to-clean surface can help you meet demanding regulatory requirements, maximize your production time, and ultimately increase your speed to market — with no surprises along the way.

Thickness	2.5mm
Dimensions	4' x 8'2" (1.22m x 2.5m) and 4' x 9'10" (1.22m x 3m)
Impact resistance	Exceeds 160 inch pounds of force
Warranty	20 years



Altro Whiterock Chameleon

High gloss, wall cladding system

Make a bold statement with Altro Whiterock Chameleon – the glossy, vibrant and vividly colorful wall panels. Altro Whiterock Chameleon is available in 13 high-impact, high-design shades to add a little bit of affordable luxury to a range of environments.

Thickness	2.5mm
Dimensions	4' x 8'2" (1.22m x 2.5m) and 4' x 9'10" (1.22m x 3m)
Impact resistance	Exceeds 160 inch pounds of force
Warranty	20 years



Industry leading cleanability while maintaining slip resistance with Altro EasyClean

- ✓ Not a surface finish – incorporated into product while manufacturing for long-term cleanability.
- ✓ Low dirt pick-up
- ✓ Improved color retention
- ✓ Up to 60% maintenance savings over non PUR treated floors over the lifetime of the floor
- ✓ Cleaning instructions available online and in print
- ✓ Cleaning supplies, including cleansers, formulated to work exceptionally well with Altro products



cleaning

The correct installation and detailing is of the utmost importance in every environment. We pride ourselves in our technical offerings.

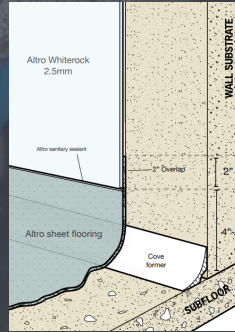
Install guides



Detailing guides



Drawings / CAD



Accessories



Technical services



installation

We are here to support you with all your commercial flooring and wall cladding needs.

Samples + literature

Specifier resources

CEUs + Installer training

Customer care

800.377.5597
support@altro.com

Submit an online request!

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Please send me more information!

- Send me a free sample set
- Send me some free literature
- I'm interested in booking a CEU for AIA / IIDA credits (in-person or digital)
- I'm interested in my local Altro representative reaching out via phone or email

Name

First Name Last Name

Company

Address

Street Address

Street Address Line 2

City

State / Province

Postal / Zip Code

Email

better together

In areas of frequent spills, hygiene and durability concerns, it's best to let our robust collection of safety flooring and wall cladding take the lead.

Install smooth flooring and patterned wall cladding in public areas, and bring slip-resistant flooring into the bathrooms and back-of-house areas.

Rest easy knowing your staff will have comfort underfoot while your most dangerous areas are well equipped to handle the tolls of the day.





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