



altro

Operating rooms

An introduction to using Altro floors + walls in operating rooms

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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

Operating rooms are perhaps the most complex and most important areas in a hospital. They are the profit centers of the hospital, capable of earning as much \$100,000 in a single day.

The recent trends in healthcare have changed the needs, and footprint, of today's operating rooms (ORs).

- Aseptic technique
- Regulatory compliance
- Fewer anti-microbial additives
- More procedures with less downtime
- Larger, multi-purpose rooms
- More complicated and heavy equipment

- Operating rooms
- Pre + post op
- Clean core
- Corridors
- Scrub areas
- Nursing stations
- Family consult areas
- Waiting / lounge area
- Restrooms
- Storage



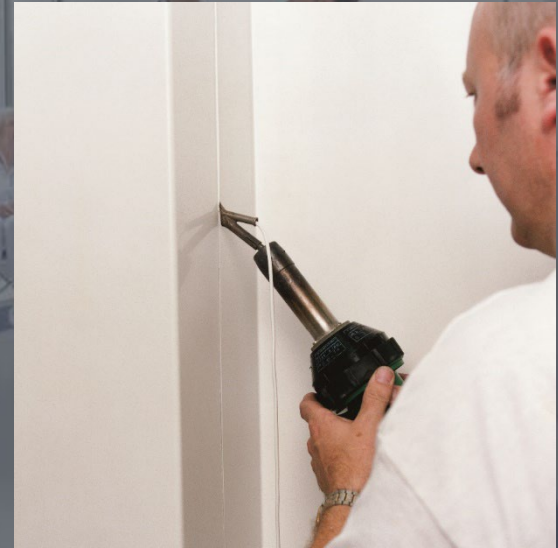
Hybrid ORs promote efficiency, decrease risk to patients and provide a cost-effect solution to multiple procedures in a single area.

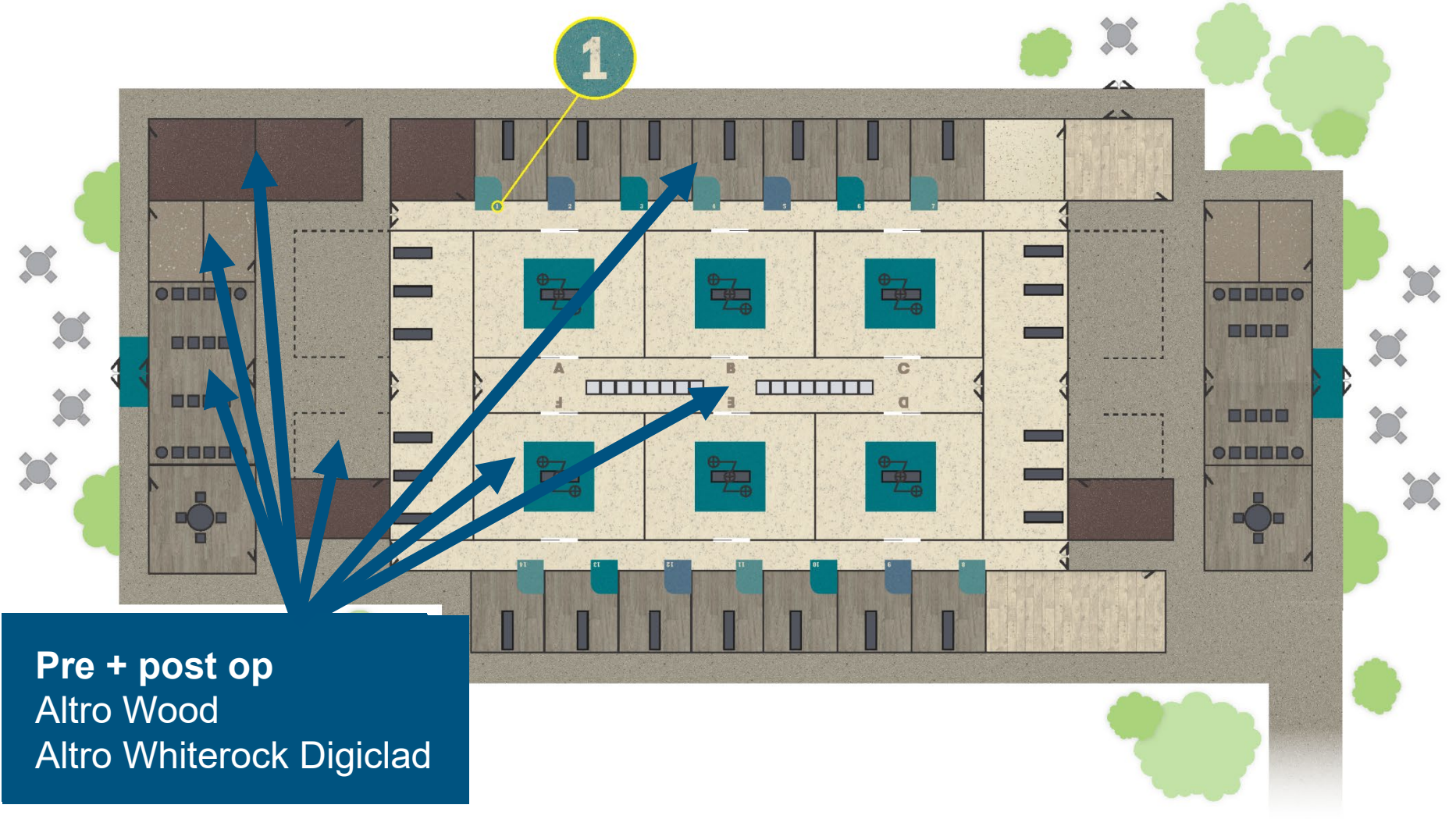
Hybrids are filled with heavier and more complex equipment weighing in excess of 4 1/2 tons. They receive more foot and wheeled traffic, and have less downtime between surgeries.

- ✓ Durable floor and wall products
- ✓ Flooring able to withstand heavy loads
- ✓ Slip-resistant flooring
- ✓ High impact-resistant wall cladding
- ✓ Easily cleaned and disinfected

An integrated solution, which means it fits together perfectly to provide a hygienic, watertight surface – ideal for the sterile field

- ✓ Stain and chemical resistant
- ✓ Easy-to-clean
- ✓ Non-porous, non-shedding
- ✓ Fully-bonded system with sealed edges, abutments and joint
- ✓ Coved floor to wall transition
- ✓ On-site thermoforming of wall panels
- ✓ Heat-welded joints





1

Pre + post op
Altro Wood
Altro Whiterock Digiclad



First Hill Surgery



7:20:25

First Hill
SURGERY CENTER

2

1

PHILIPS

stryker
NEPTUNE
8

Dölgel Fabius GS premium

Dölgel

07

First Hill Surgery





LAWRENCE GENERAL HOSPITAL

Patient Name: _____ Allergies: _____

Procedure: _____

Surgeon: _____

Time	Start	Stop	Surgeon Type	Surgeon	First Assistant

Special Considerations:

Altro Symphonia

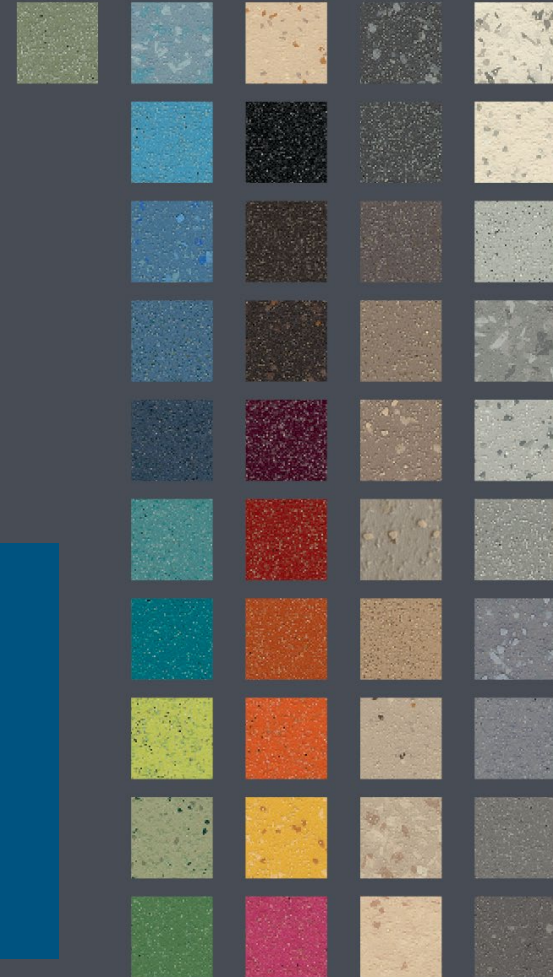
Smooth flooring with added slip-resistance – heterogeneous sheet

Altro Symphonia is the top choice in OR flooring solutions, boasting an expansive color palette and impressive stain resistance. Smooth to the touch and easy to clean, Altro Symphonia satisfies ISO Cleanroom standards while providing safety underfoot during long, extensive surgeries

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
Pendulum test	n/a



Altro Reliance 25

Slip-resistant flooring – homogeneous sheet

Altro Reliance 25 combines proven stain resistance, slip resistance and incredible durability to create a surface capable of enduring high levels of foot and wheeled traffic without compromising performance.

Thickness	2.5mm
Dimensions	6'7" x 65' 5" (2m x 20m)
Static load	2000psi
Sound insulation	7dB
Warranty	15 years

Slip-resistance

SCOF >.8 Dry / .9 Wet

DCOF .56 Wet

Ramp test R10

Pendulum test 40+



Altro Operetta

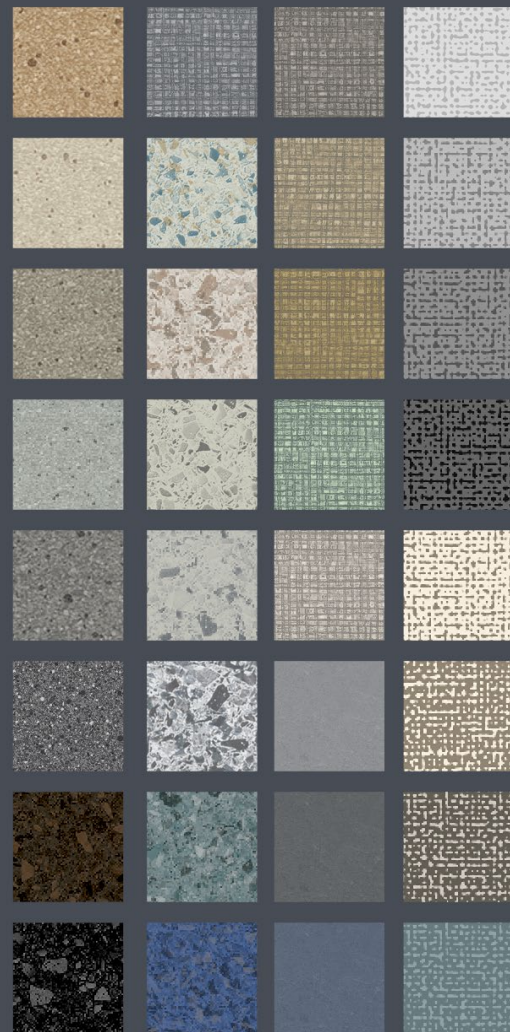
Smooth flooring – heterogeneous sheet

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
Pendulum test	n/a



Altro Cantata

Adhesive-free smooth flooring – heterogeneous sheet

Altro Cantata was created with time-sensitive projects in mind, capable of being installed and walked on immediately. This allows crews to complete renovations overnight and drastically reduce the time spent accommodating costly shutdowns.

Thickness	2.4mm
Dimensions	6'7" x 65' 5" (2m x 20m)
Static load	1000psi
Sound insulation	14dB
Warranty	10 years

Slip-resistance

SCOF	.79 Dry / .94 Wet
DCOF	.49 Wet
Ramp test	R10
Pendulum test	36+

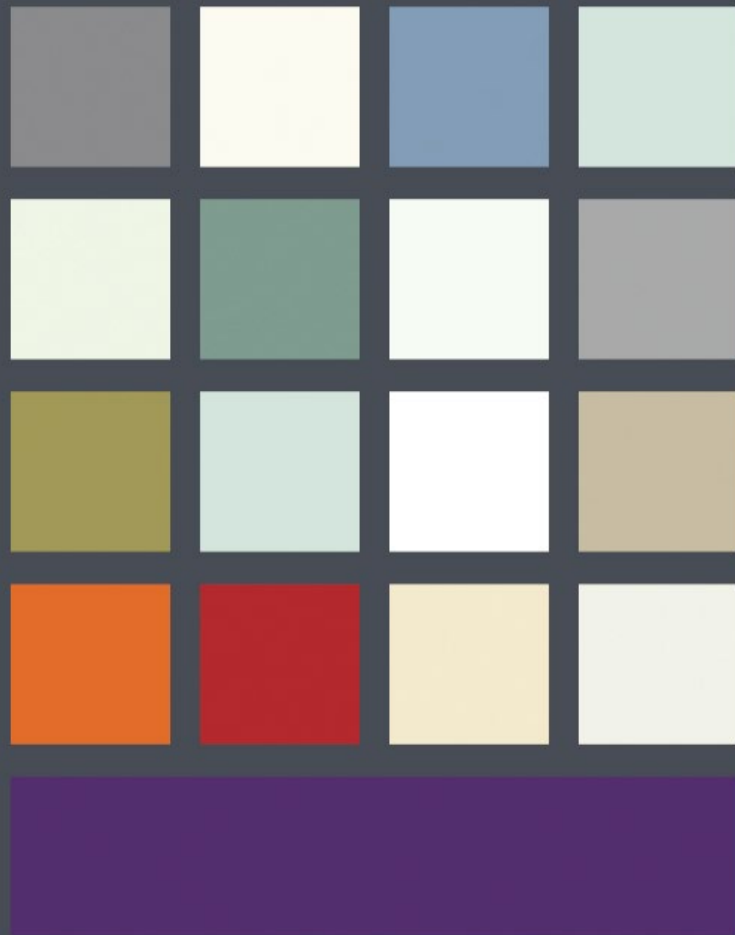


Altro Whiterock

Hygienic wall cladding system

Altro Whiterock provides the ideal walling solution for modern ORs. Our heat-formable panels may be installed seamlessly to prevent cracks, gaps and fissures, or with system accessories engineered to maintain the integrity of the encapsulated system.

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 cleaners, 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.

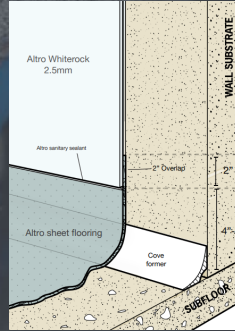
Install guides



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

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Customer care

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