

Designed for possibilities. Made for people.

# Altro Operetta<sup>™</sup> product datasheet

High-design smooth sheet flooring perfect for contract commercial use in a multitude of areas

## Altro Operetta

Altro Operetta is a robust floor perfect for medium to high-traffic areas. It is easy to clean and maintain and can withstand up to 2,000psi indentation. It has attractive natural and contemporary colors and finishes to fit your interior design scheme. It matches and coordinates with Altro Orchestra and Altro Serenade to create a complete look throughout.

Combine with our extensive range of Altro wall panels for an attractive and durable floor and wall system.

Altro Operetta also looks great paired with Altro Wood.

### Typical applications

Healthcare, senior living, education, retail, offices and recreational areas

#### Features + benefits

- Smooth surface is easy to clean and maintain
- Colors coordinate with Altro Orchestra and Altro Serenade ranges for a complete look throughout
- Meets ISO Class 4 cleanroom requirements
- Resists up to 2,000 psi indentation
- FloorScore Certified / Low VOCs
- This product does not contain PFAs

#### Better together

Smooth flooring from Altro gives you what you want an economical and attractive look that's easy to install and maintain. But, in commercial areas with frequent spillages and hygiene and durability concerns, it's best to let our robust collection of safety flooring, slipresitant flooring and wall cladding join the team!

Install smooth flooring in the dining room and public areas, and bring safety flooring and wall protection into the kitchen, bar and restrooms. You will rest easy knowing your patrons will have an exquisite experience while the most dangerous areas in your facility are well equipped to handle the tolls of the day.

We strongly recommend carrying out a risk assessment in any area in which the installation of smooth flooring is considered, focusing on the potential risk posed by contaminants.

## Altro Easyclean Technology



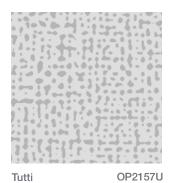
Rather than using a superficial surface coat, Altro Easyclean Technology is incorporated into the flooring while it is manufactured. This allows Altro flooring to benefit from enhanced cleaning and maintenance while still allowing our products' slip-resistant properties to shine through.

Smooth flooring will have a higher level of Altro Easyclean than a slip-resistant or safety floor.

- Industry-leading ease of cleaning
- Enhanced long-term cleanability
- Cleaning and maintenance cost savings
- Sustained long-term slip resistance
- Exceptional long-term durability
- Low dirt pick-up qualities
- Improved color retention

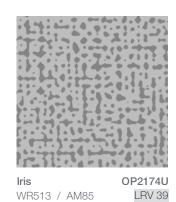


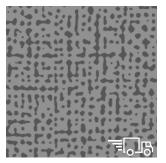




LRV 60

WR500 / AM136





OP2159U Beethoven LRV 23 WR502 / AM390



Black Forest WR501 / AM82 OP2158U LRV 13



Fife OP2167U WR508 / AM11 LRV 57



Allegra OP2169U WR510 / AM347 LRV 38



LRV 26

Quintet OP2114U WR435 / AM390



Hurdy Gurdy WR512 / AM84 OP2173U LRV 24



LRV 23

Vivo WR494 / AM494





WR439 / AM84 LRV 16



Canon WR450 / AM81 OP2129U LRV 24



OP2127U Drop WR448 / AM361 LRV 23



WR446 / AM347 LRV 37



Lulu OP2128U WR449 / AM137 LRV 29



Samson WR519 / AM392

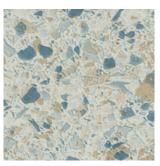
OP2176U LRV 34



Jig WR62 / AM62

LRV 9

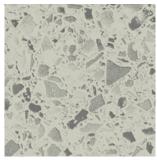
Beat



OP2155U WR499 / AM136 LRV 56

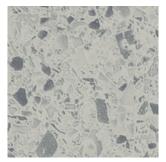


OP2142U Rondo WR483 / AM483 LRV 44

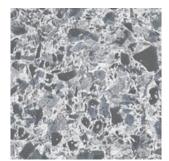


Penzance WR497 / AM369

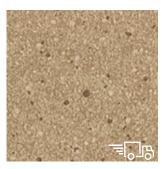
OP2153U LRV 48



Loco OP2152U WR496 / AM136 LRV 49



Vagabond OP2141U WR484 / AM484 LRV 40

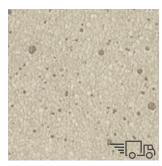


Acapella OP2135U WR456 / AM338

LRV 34

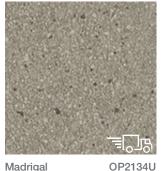
LRV 22

LRV 8



Glee WR457 / AM335

OP2136U LRV 52



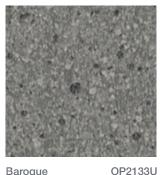
LRV 31

LRV 28

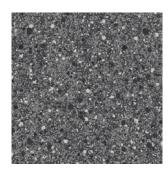
Madrigal WR455 / AM361



WR460 / AM484



Baroque WR454 / AM86



Lola WR391 / AM82

OP2178U LRV 17

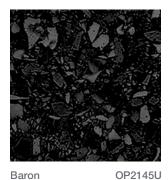


Shell Shack WR520 / AM338



OP2144U WR490 / AM86 LRV 18

Vamp



Baron WR485 / AM485



Sonatina WR482 / AM482

OP2147U LRV 15



Type + class		ASTM F1303	Type I, Grade 1, Class B, smooth flooring	
Thickness and wear layer		2.0mm   .08" / .7mm wear layer, heterogeneous construction		
Roll dimensions		6'7" x 65'5   2m x 20m		
Weight		4.90 lbs./yd <sup>2</sup> 2.66 kg/m <sup>2</sup> 230 lbs. per roll		
Warranty	10 year pddat samady	10 years		
Life expectancy	EASYCLEAN"	15 years		
Cleaning technology	Lasyclean	Altro Easyclean		
Static coefficient of friction	.7D .8W SCOF	ASTM D2047	.7 dry, .8 wet	
Dynamic coefficient of friction	.49 DCOF	ANSI/NFSI B101.3	.49 wet DCOF	
Ramp test	<b>R</b> <sub>10</sub>	DIN 51130	R10	
Static load limit		ASTM F970	2000 psi	
Indentation		EN 433	≤ 0.10mm	
Wear (abrasion) resistance		EN 660	≤ 10% 50,000 cycles	
Castor chair abrasion		EN 425	Pass	
Flexibility	52	EN ISO 24344	Pass	
Light fastness		EN 20105-B02	≥ 6	
Sound insulation	?) <b>))</b>	ISO 140-8	4dB	
Electrical behaviors	<b>经</b> 资 <2.0 kV	EN 1815	≤ 2kV Antistatic	
Fire and smoke performance	Ó	CAN/ULC - S102.2 ASTM E648 ASTM E662	Tested Class I < 450	
Mold resistance		ASTM D3273	Excellent - Score of 10	
Fungi resistance	F	ASTM G21	Passes rating 0* *achieves zero growth after 28 days	
Chemical resistance		ASTM F925	Tested	
Particle concentration	ISO 14644 - 9:12	Meets ISO 4 cleanroom requirements		
Composition	Heterogeneous PVC with glass fiber reinforcement scrim between the film print and backing. Altro Easyclean incorporated into top layer for exceptional cleanability.			
Backing	Compact PVC backing.			
Staining	Certain chemicals may cause staining of vinyl flooring. Traffic stains may be caused by asphalt and rubber products, like rubber mats. Please conduct stain test before installation.			
Altro, Altro Operetta and Altr			t was correct at time of creation.	

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LEED facts (W)				
Altro Operetta				
	Materials and resources Renewable bio-based content	1		
	Materials and resources - EPD Environmental product declaration Type III product specific	1		
	Materials and resources - HPD Health product declaration	1		
6	Environmental quality Low emitting materials, flooring	1		
6	Environmental quality Low emitting materials, adhesives	1		

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Order samples 24 hours a day at altro.com and materialbank.com



These select quick-ship colors, are heavily stocked and consistently available in our North American warehouses.

#### Discover more online!



Maintenance guides

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Illus. cleaning guides

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Warranty forms



Literature



LEED forms

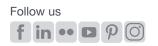
Installation guides



Installation quickfacts

#### Even more great resources!

- BIM components
- SDS sheets
- Detail drawings and CAD files
- High-resolution swatch downloads
- Photo galleries www.altropics.com
- Solutions by area type ORs, labs and cleanrooms, kitchens, senior living and more!



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