



altro

Designed for possibilities.
Made for people.



Altro Stronghold™ 30 product datasheet

Aggressive safety flooring designed to minimize risk in wet and greasy areas

Altro Stronghold 30

Navigating a slippery surface is challenging enough, but add grease, oils, and fats, and it becomes a hazard. In commercial kitchens and food preparation areas, choosing the right flooring is crucial for maintaining a safe working environment.

Altro Stronghold 30 offers the highest slip resistance rating from Altro, ensuring maximum safety in wet and greasy conditions throughout its lifetime. Not only does it protect staff from slips, but its 3mm thickness also reduces fatigue by providing excellent noise reduction and comfort underfoot.

Altro Stronghold 30 is often paired with Altro Puraguard wall protection to create durable and secure spaces in commercial and industrial kitchens. For front-of-house areas, it complements beautifully with Altro Wood, Altro Illustra, or Altro Lavencia LVT, adding both safety and style.

Typical applications

Commercial kitchens, food preparation, back-of-house service areas, walk-in coolers and freezers

Features + benefits

- Achieves highest level of slip resistance
- Risk of slipping is 1 in a million even with contaminants present
- Static load limit exceed 2000psi
- FloorScore Certified / Low VOCs
- -22F / -30C lowest temperature rating
- Installs faster than quarry tile and epoxy
- Independent Halo tests indicate 10x lower bacteria count than quarry tile
- Fungi-resistant, achieves zero growth after 21 days
- ICC-ES Product Certified
- This product does not contain PFAs

Slip resistance



It is designers, specifiers and end users' responsibility to ensure flooring is fit for purpose, and it's part of our role here at Altro to help make this process easy. Our flooring is separated into three categories: safety, slip-resistant and smooth.

Altro Stronghold 30 is safety flooring. It's a perfect choice when there are frequent spillages of water and other contaminants present. Altro Stronghold 30 maintains its 1 in a million slip resistance even with vegetable oil, greasy water and flour underfoot. Because of this, Altro Stronghold 30 is commonly installed in commercial kitchens.

Altro Easyclean



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





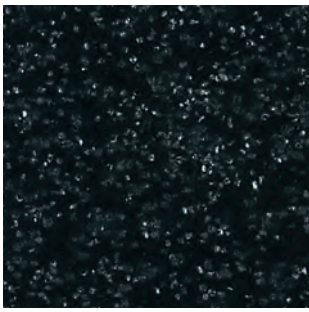
Altro Safety Flooring has achieved ICC-ES product certification and is in compliance with the following plumbing code standards:

- ANSI/ICPA SS-1 2001, Performance standard for Solid Surface Materials
- IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits

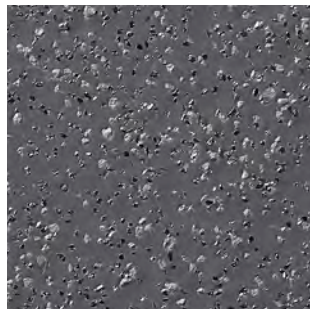
By complying with these standards this means that Altro safety sheet vinyl flooring is approved to be used in showers or other wet areas.



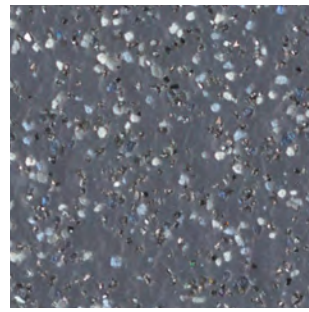
For more info please scan the QR code.



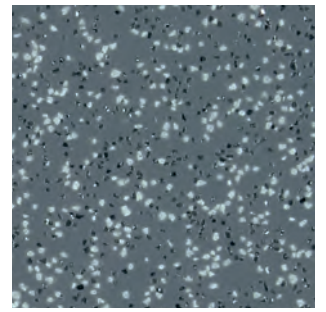
Abyss K3001
WR100 / AM100 LRV 7



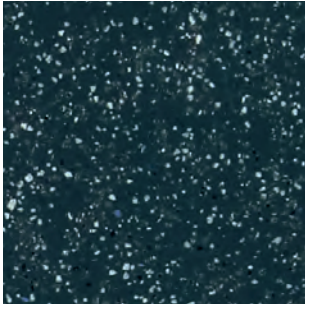
Cannon K30911
WR101 / AM72 LRV 11



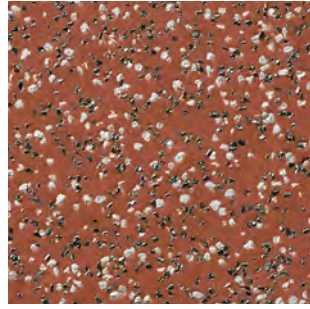
Sear K30503
WR83 / AM83 LRV 15



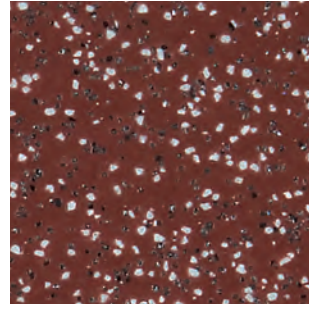
Dolphin K3010
WR86 / AM86 LRV 21



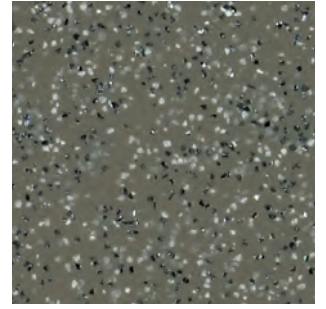
Midnight K30421
WR72 / AM72 LRV 11



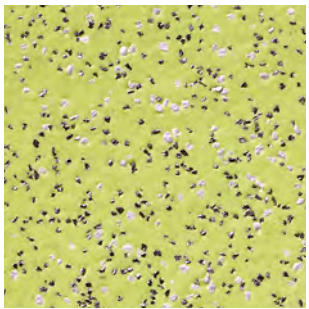
Torch K30913
WR278 / AM42 LRV 16



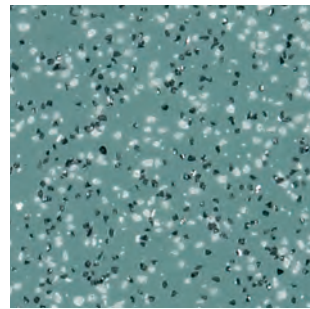
Russet K30262
WR41 / AM41 LRV 14



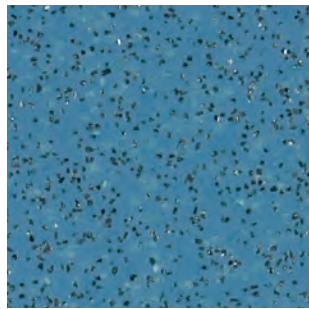
Tundra K30500
WR153 / AM239 LRV 17



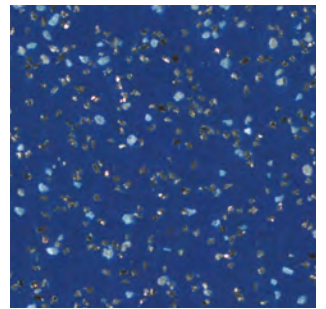
Lime K3086
WR472 / AM381 LRV 42



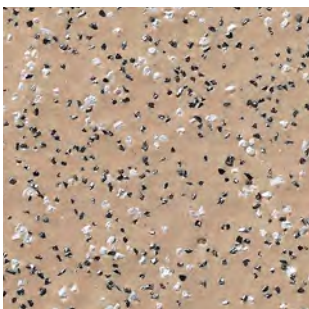
Skyline K30332
WR52 / AM52 LRV 24



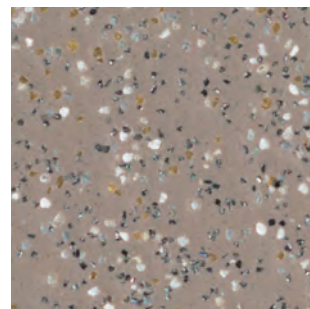
Surf K30412
WR71 / AM71 LRV 20



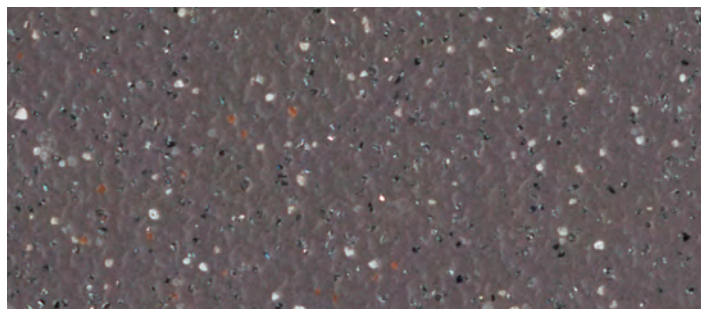
Braise K30507
WR575 / AM223 LRV 9



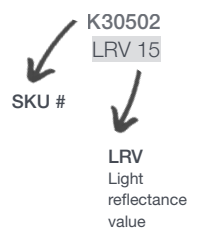
Biscuit K30907
WR146 / AM20 LRV 30



Pâté K30504
WR61 / AM239 LRV 23



Consommé K30502
WR206 / AM82 LRV 15



WR = Weldrod
AM = Mastic



Light reflectance values (LRV)

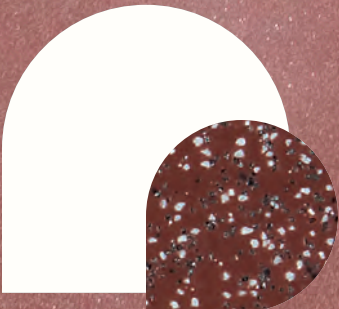
Please keep LRVs in mind when selecting walling for areas with dementia and Alzheimer's patients, seniors or individuals with poor vision.



Color matched weldrods (WR) and mastic (AM) are available. You'll find their product codes under product SKUs.



Altro Stronghold 30 in Benares Restaurant



Bedford Modern Kitchen chose Altro Stronghold 30

Specifications			
Type + class		ASTM F1303	Type II, Grade 1, Class A, safety flooring
Thickness and wear layer		3.0mm .12", homogeneous construction	
Roll dimensions		6'7" x 49' 2m x 15m	
Weight		7.19 lbs./yd ² 3.9 kg/m ² 275 lbs. per roll	
Warranty		12 years	
Life expectancy		20 years	
Cleaning technology		Altro Easyclean	
Static coefficient of friction		ASTM D2047	.92 dry, .88 wet
Dynamic coefficient of friction		ANSI/NFSI B101.3	.74 wet DCOF
Ramp test		DIN 51130	R12
TRRL pendulum test		BS 7976 ASTM E303	55+
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		ASTM F137	Pass
Light fastness		EN 20105-B02	≥ 6
Sound insulation		ISO 140-8	10dB
Electrical behaviors		EN 1815	≤ 2kV Antistatic
Minimum operating temperature		-22°F (-30°C)	
Fire and smoke performance		CAN/ULC - S102.2 ASTM E648 ASTM E662	Tested Class I < 450
Mold resistance		ASTM D3273	Tested
Fungi resistance		ASTMG21	Tested
Plumbing code standards		ANSI/CPA SS-1 2001 IAPMO PS 106-2015e1	Certified
Chemical resistance		ASTM F925	Tested
VOC emissions		CA 01350 FloorScore	Pass Certified
Bio-based content		Manufactured with rapidly renewable bio-based content.	
Ortho-phthalate content		Ortho-phthalate-free	
Recycled content		This product contains 10% post-consumer recycled content.	
Composition	Silicon carbide, aluminum trioxide and colored quartz aggregate throughout thickness of PVC.		
Backing	Non-woven polyester/cellulose glass fiber reinforcement scrim.		
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 Stronghold 30 and Altro Easyclean are all trademarks of Altro Limited. Content was correct at time of creation. Altro reserves the right to change any detail. Please consult your sales representative for the latest product information.

© Copyright Altro USA 2025

LEED facts

This product may help contribute to the following credits

Altro Stronghold 30 6

- Materials and resources
Contains recycled content

1
- Materials and resources
Renewable bio-based content

1
- Materials and resources - EPD
Environmental product declaration
Type III product specific

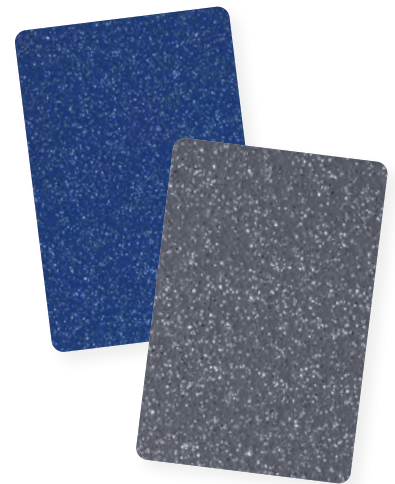
1
- Materials and resources - HPD
Health product declaration

1
- Environmental quality
Low emitting materials, flooring

1
- Environmental quality
Low emitting materials, adhesives

1

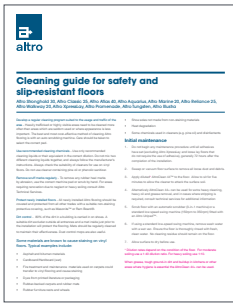
Discover more of our sustainability story and credentials at altro.com



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



Discover more online!



Maintenance guides



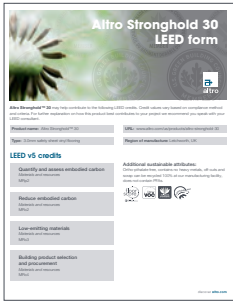
Illus. cleaning guides



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!

Follow us



USA 800 377 5597

CANADA 800 565 4658

support@altro.com

www.altro.com

Content was correct at time of print. Altro reserves the right to change any detail. Please consult www.altro.com or your local Sales Representative for the latest product information.