



Designed for possibilities.
Made for people.



Altro Stronghold™ 30 adhesive-free product datasheet

Adhesive-free safety flooring for maximum impact and minimum downtime

Altro Stronghold 30 adhesive-free

Get your kitchen up and running in record time with the new Altro Stronghold™ 30 adhesive-free flooring. Specifically designed for commercial kitchens and back-of-house areas, this revolutionary flooring can be welded and walked on the same day, slashing kitchen downtime.

Altro Stronghold 30 adhesive-free flooring is built to last, engineered to handle tough kitchen environments. It's a breeze to install, maintain, and repair, with exceptional scratch and scuff resistance for enduring performance. Featuring Altro's highest slip resistance rating and a comfortable 3mm thickness, it also reduces noise by up to 10dB.

Choose from four timeless colors to match your style. Pair Altro Stronghold 30 adhesive-free flooring with Altro Puraguard wall panels for a robust and hygienic solution in any commercial or industrial kitchen, food preparation, or service area.

Typical applications

Small commercial kitchens, food preparation, back-of-house service areas, temporary kitchens

Features + benefits

- Adhesive-free installation for minimum downtime
- Achieves highest level of slip resistance
- Risk of slipping is 1 in a million even with contaminants present
- Heat-welded seams for better hygiene
- FDA / USDA / CFIA / HACCP compliant
- FloorScore Certified / Low VOCs
- Independent Halo tests indicate 10x lower bacteria count than quarry tile
- Fungi and mold-resistant, achieves zero growth after 21 days
- 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





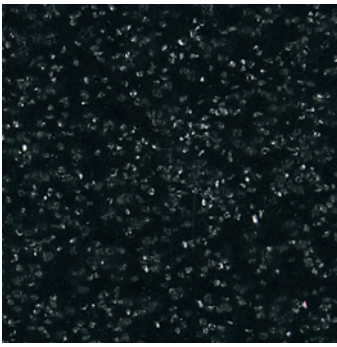
Altro Safety Flooring has achieved ICC-ES product certification and is in compliance with the following plumbing code standards:

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

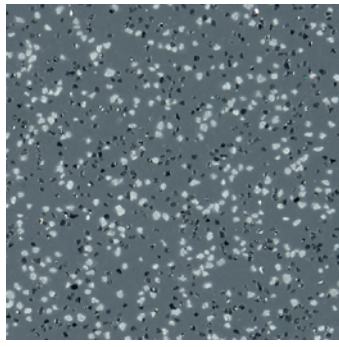
By complying with these standards this means that Altro safety sheet vinyl flooring is approved to be used in showers or other wet areas.



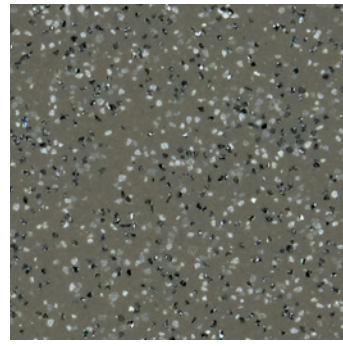
For more info please scan the QR code.



Abyss AF
WR100 / AM100
AFK3001
LRV 7

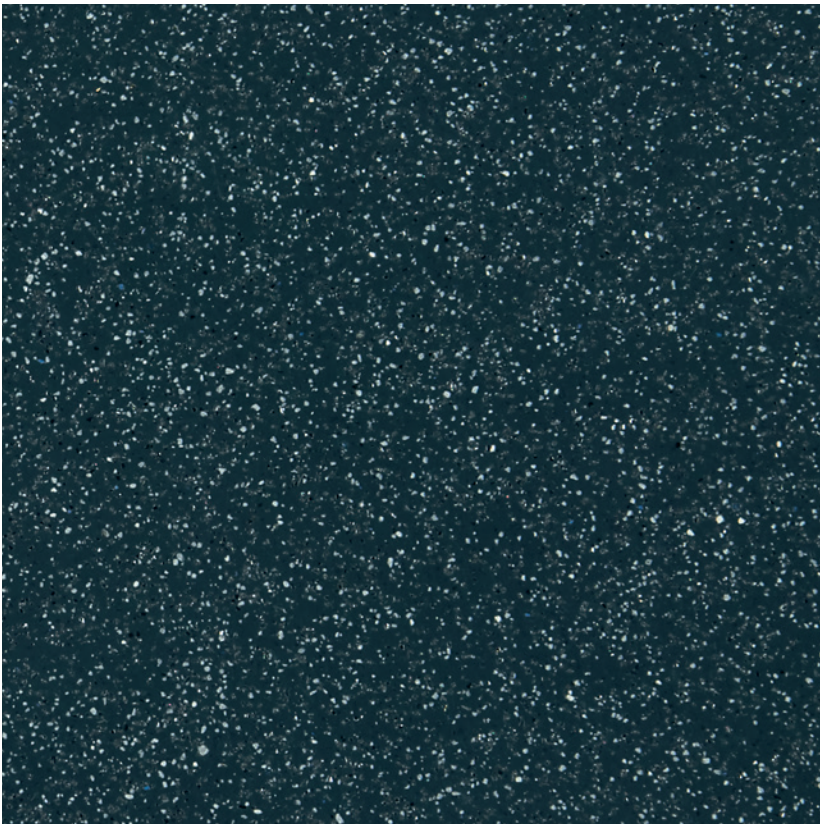
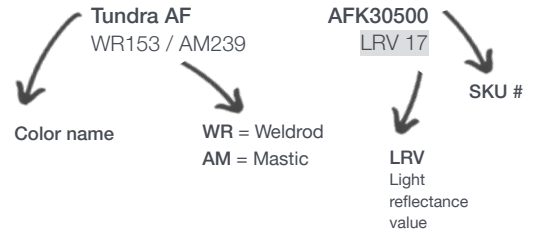


Dolphin AF
WR86 / AM86
AFK3010
LRV 21



Tundra AF
WR153 / AM239

AFK30500
LRV 17



Midnight AF
WR72 / AM72
AFK30421
LRV 11



Light reflectance values (LRV)

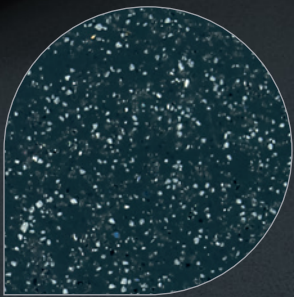
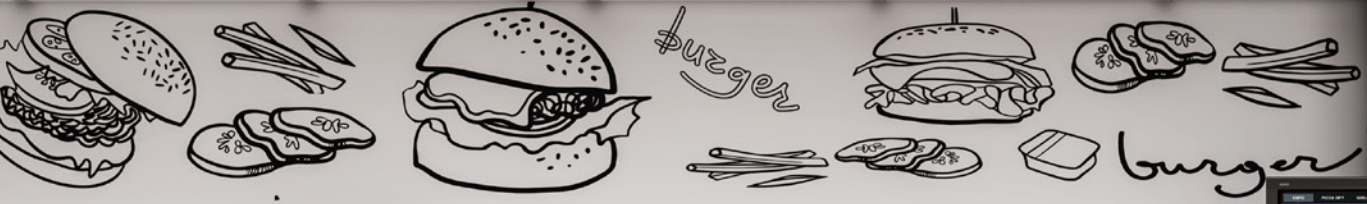
Please keep LRVs in mind when selecting walling for areas with dementia and Alzheimer's patients, seniors or individuals with poor vision.



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



Altro Stronghold 30 adhesive-free in color Tundra AF



Altro Stronghold 30 adhesive-free in color Midnight AF

Type + class		ASTM F1303	Type II, Grade 1, Class A, safety flooring
Thickness and wear layer		3.0mm .12" / 1.1mm wear layer, heterogeneous construction	
Roll dimensions		6'7" x 49' 2m x 15m	
Weight		7.17 lbs./yd ² 3.89 kg/m ² 257.28 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
Plumbing code standards		ANSI/CPA SS-1 2001 IAPMO PS 106-2015e1	Certified
Mold resistance		ASTM D3273	Excellent - Score of 10
Fungi resistance		ASTM G21	Passes rating 0* *achieves zero growth after 21 days
Chemical resistance		ASTM F925	Tested
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 adhesive-free, Altro Adhesive-free 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.

LEED facts

LEED v4 This product may help contribute to the following credits

Altro Stronghold 30 adhesive-free 5

- Materials and resources Contains recycled content 1
- Materials and resources Renewable bio-based content 1
- Materials and resources - EPD Environmental product declaration Industry-wide generic 1
- Materials and resources - HPD Health product declaration 1
- Environmental quality Low emitting materials, flooring 1

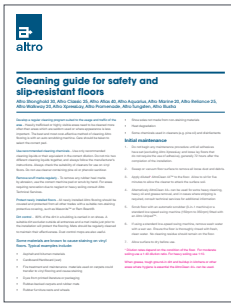
Discover more of our sustainability story and credentials at altro.com



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.