altro

Designed for possibilities.
Made for people.

Altro Stronghold™ 30 adhesive-free product datasheet

Adhesive-free safety flooring for maximum impact and minimum downtime

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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

.92D .88W SCOF | .74 DCOF | R12 | Pendulum test PTV ≥55

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

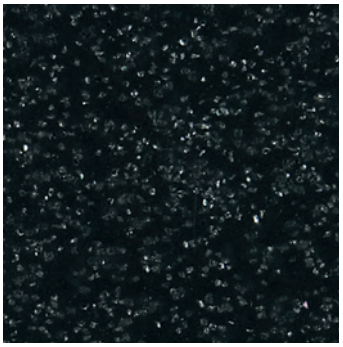
3.0mm thick | 6'7" width | 49' length | sheet format

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

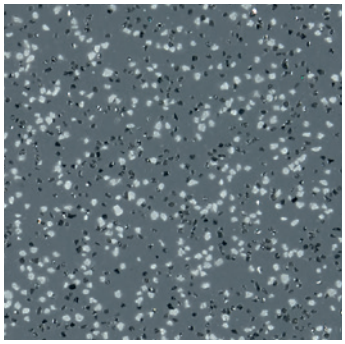
- ANSI/ICPA SS-1 2001, Performance standard for Solid Surface Materials
- IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits

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

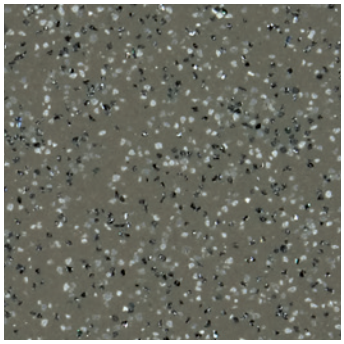
For more info please scan the QR code.



Abyss AF **AFK3001**
WR100 / AM100 LRV 7



Dolphin AF **AFK3010**
WR86 / AM86 LRV 21



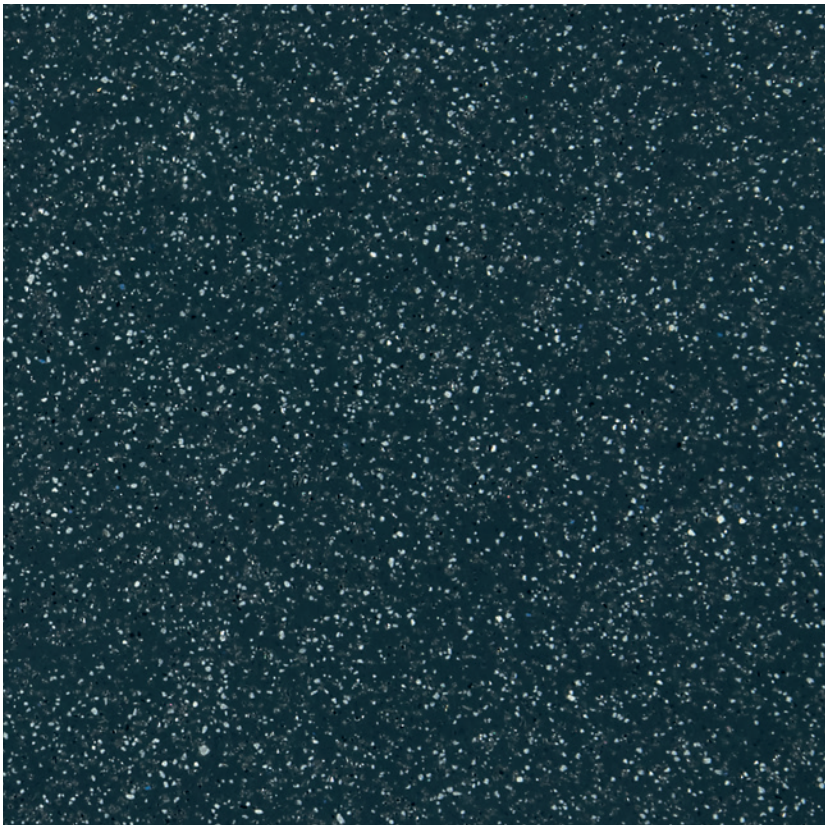
Tundra AF **AFK30500**
WR153 / AM239 LRV 17

Color name

WR = Weldrod
AM = Mastic

LRV
Light reflectance value

SKU #



Midnight AF **AFK30421**
WR72 / AM72 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 year product warranty	12 years	
Life expectancy	20 year life expectancy	20 years	
Cleaning technology	EASYCLEAN	Altro Easyclean	
Static coefficient of friction	.92D .88W SCOF	ASTM D2047	.92 dry, .88 wet
Dynamic coefficient of friction	.74 DCOF	ANSI/NFSI B101.3	.74 wet DCOF
Ramp test	R12	DIN 51130	R12
TRRL pendulum test	Pendulum test PTV ≥55	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	≤2,0 kV	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	ICC ES	ANSI/ICPA 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.		

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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

altro | material bank

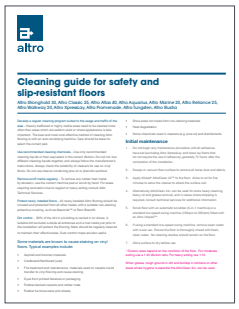
Order samples 24 hours a day at altro.com and materialbank.com

floor score — CERTIFIED BY SCS Global Services

bio-based content

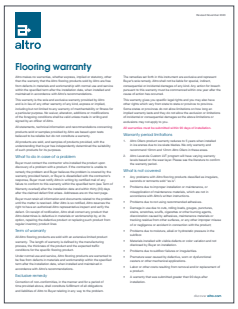
o-phthalate-free

Discover more online!



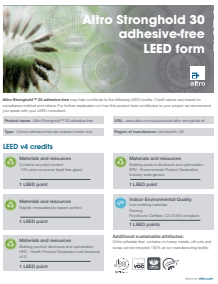
Maintenance guides

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!

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