



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

Water underfoot is treacherous enough – add grease, oils and fats, and you’ve got a dangerous environment. For commercial kitchens, food preparation and back-of-house service areas, it’s essential to select flooring that will help staff continue their job safely.

Altro Stronghold 30 achieves Altro’s highest slip resistance rating and is designed to minimize risk in wet and greasy conditions for the lifetime of the flooring. In addition to staff safe from slips, it also helps reduce their fatigue thanks to its 3mm thickness, providing ample noise reduction and comfort underfoot.

Altro Stronghold 30 is frequently specified with Altro Puraguard wall protection to create safe and durable environments in commercial and industrial kitchens.

Altro Stronghold 30 also looks great paired with Altro Walkway 20, Altro Wood or Altro Lavencia.

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

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 it’s 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





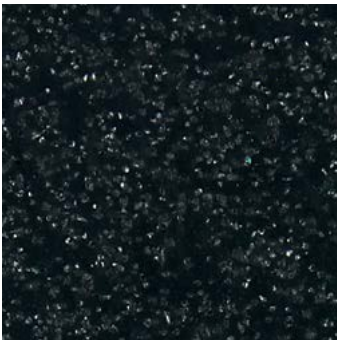
Altro Safety Flooring has achieved ICC-ES product certification and is in compliance with the following plumbing code standards:

- 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.



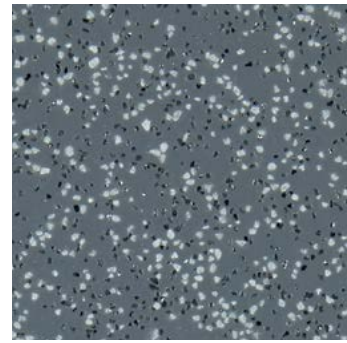
For more info please scan the QR code.



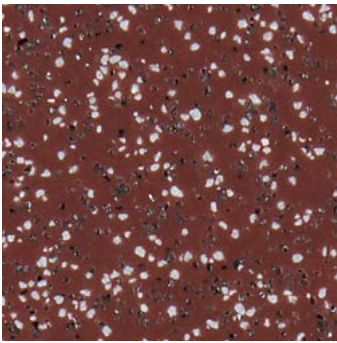
Abyss
WR100 / AM100
K3001
LRV 7



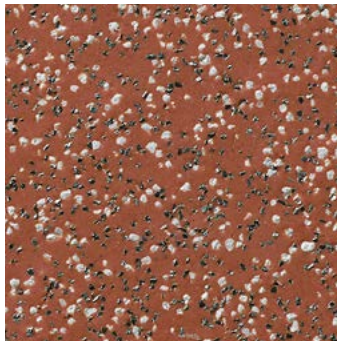
Cannon
WR101 / AM72
K30911
LRV 11



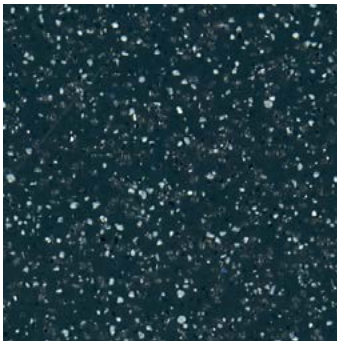
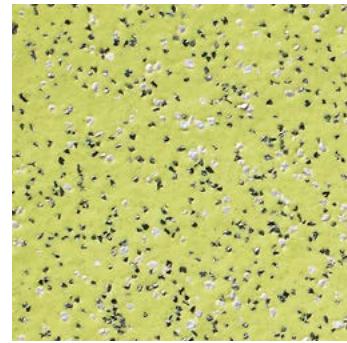
Dolphin
WR86 / AM86
K3010
LRV 21



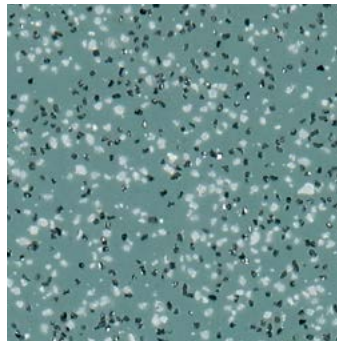
Russet
WR41 / AM41
K30262
LRV 14



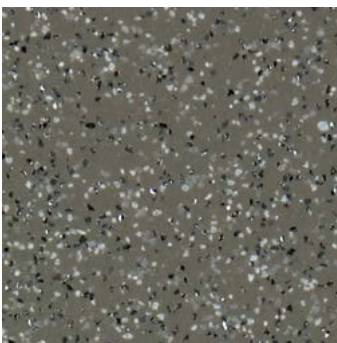
Torch
WR278 / AM42
K30913
LRV 16



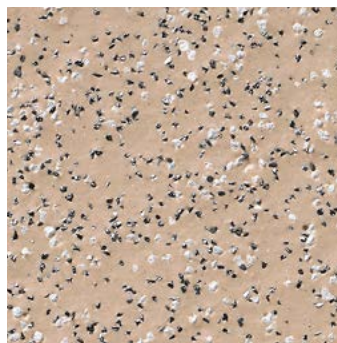
Midnight
WR72 / AM72
K30421
LRV 11



Skyline
WR52 / AM52
K30332
LRV 24



Tundra
WR153 / AM239
K30500
LRV 17



Biscuit
WR146 / AM20
K30907
LRV 30

- i** 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.
- i** 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

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
Plumbing code standards		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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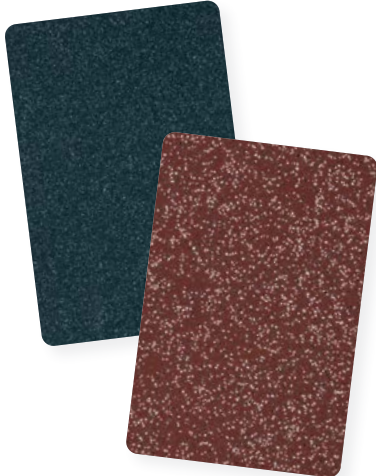
LEED facts

LEED v4 This product may help contribute to the following credits

Altro Stronghold 30 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**

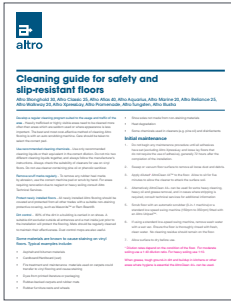
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Discover more online!



Maintenance guides



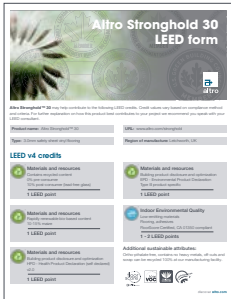
Illus. cleaning guides



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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