



altro

Altro Stronghold™ 30 product datasheet

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

discover [altro.com](https://www.altro.com)

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
- Heat-welded seams for better hygiene
- Static load limit exceeds 1000 psi
- FDA / USDA / CFIA / HACCP compliant
- FloorScore Certified / Low VOCs
- -22F / -30C lowest temperature rating
- Fungi and mold-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 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





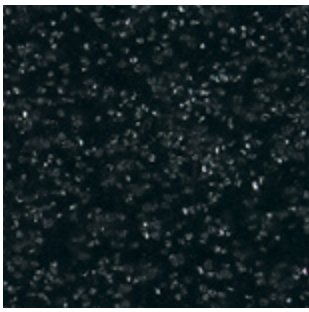
Le revêtement de sol sécuritaire Altro a obtenu la certification de produit ICC-ES et est conforme aux normes suivantes du code de plomberie :

- ANSI/ICPA SS-1 2001, norme de performance pour les matériaux de surface solides
- IAPMO PS 106-2015e1, receveurs de douche et kits de douche à carreler

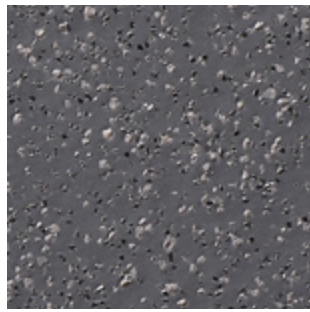
La conformité à ces normes signifie que le revêtement de sol de vinyle en feuille sécuritaire Altro est approuvé pour être utilisé dans les douches ou autres zones humides.



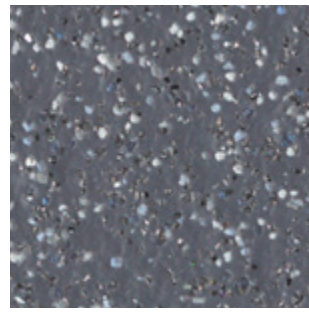
Pour plus d'informations, veuillez numériser le code QR



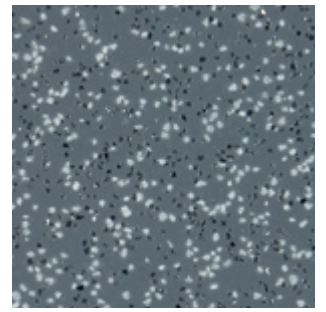
Abyss
WR100 K3001
LRV 7



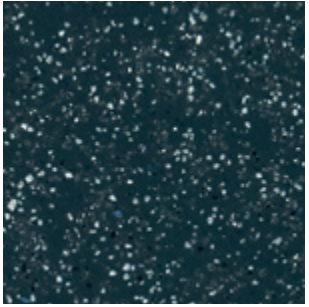
Cannon
WR101 K30911
LRV 11



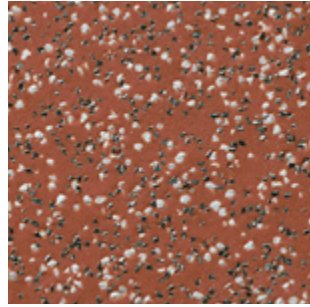
Sear
WR83 K30503
LRV 15



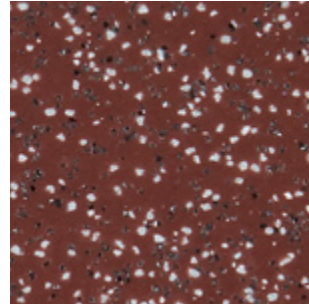
Dolphin
WR86 K3010
LRV 21



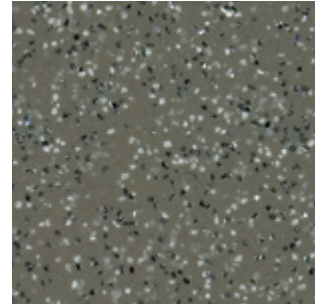
Midnight
WR72 K30421
LRV 11



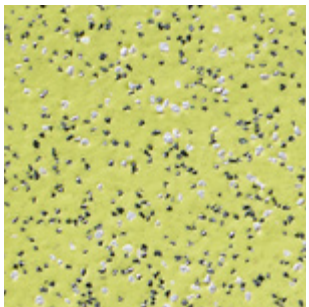
Torch
WR278 K30913
LRV 16



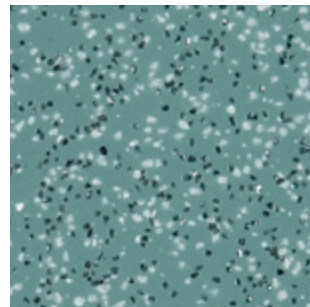
Russet
WR41 K30262
LRV 14



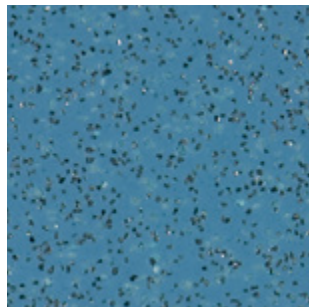
Tundra
WR153 K30500
LRV 17



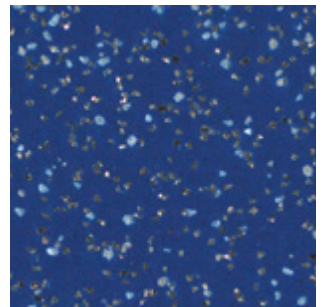
Lime
WR472 K3086
LRV 42



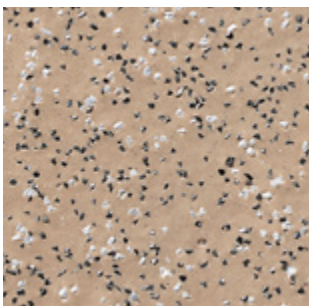
Skyline
WR52 K30332
LRV 24



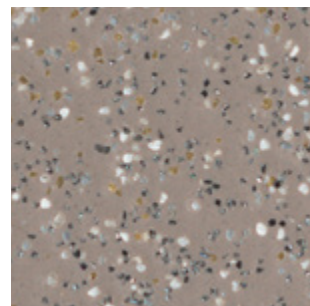
Surf
WR71 K30412
LRV 20



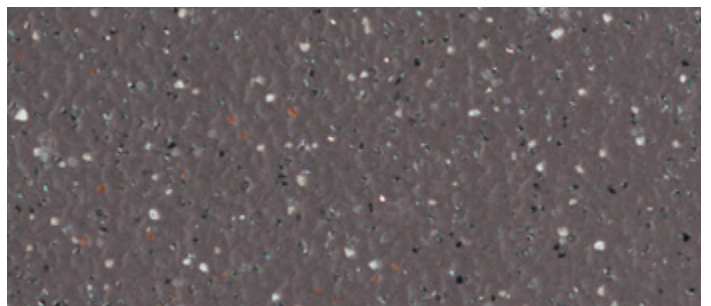
Braise
WR575 K30507
LRV 9



Biscuit
WR146 K30907
LRV 30

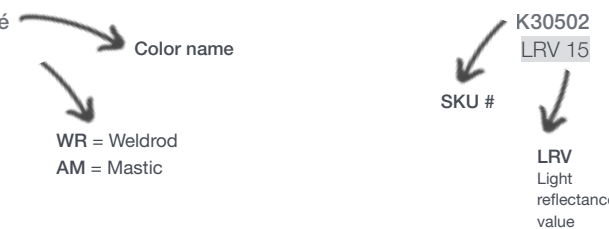


Pâté
WR61 K30504
LRV 23



Consommé
WR206

K30502
LRV 15



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), mastics and sanitary sealants are available. You'll find weldrod product codes under product SKUs. Mastics can be found by scanning this QR code.







Specifications			
Type + class		ASTM F1303	Type II, Grade 1, Class A, safety flooring
Thickness and wear layer		3.0mm .12", homogenous construction	
Roll dimensions		6'7" x 49' 2m x 15m	
Weight		7.9 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		EN 16165	R12
TRRL pendulum test		BS 7976 ASTM E303	55+
Static load limit		ASTM F970	1000 psi
Dynamic Rolling Loads		ASTM F2753	Tested to 250 lbs, 500 cycles
Residual indentation		EN ISO 24343	≤ 0.10mm
Wear (abrasion) resistance		EN 13845 Annex D	≤ 10% 50,000 cycles
Castor chair abrasion		ISO 4918	Yes, type W
Flexibility		ASTM F137	Pass
Light fastness		EN ISO 105-BO2	≥ 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
Chemical resistance		ASTM F925	Tested
Plumbing code standards		ANSI/MCPA SS-1 2001 IAPMO PS 106-2015e1	Certified
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 2026			

LEED facts



LEED v5
This product may help contribute to the following credits

Altro Stronghold 30

Quantify and assess embodied carbon
Materials and resources, MRp2

Reduce embodied carbon
Materials and resources, MRc2

Low-emitting materials
Materials and resources, MRc3

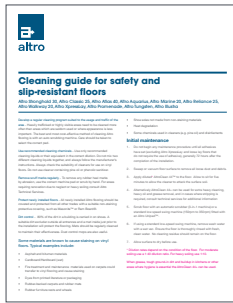
Building product select and procurement
Materials and resources, MRc4

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



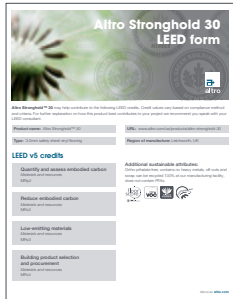
Illus. cleaning guides



Warranty forms



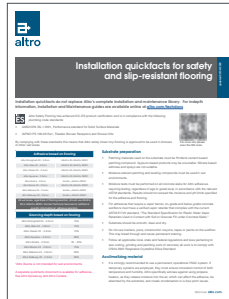
Literature



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