

Altro Stronghold™ 30 safety flooring

A 3mm thick flooring designed for safety in wet and greasy conditions where frequent spillage is likely. Altro Stronghold 30 is resilient and comfortable to walk on, with good acoustic properties. It is ideal for kitchens, serveries, supermarkets and meat cutting rooms.

Standards and Accreditation

Meets and exceeds the requirements of BS EN13845.

Slip Resistance

Greater than or equal to 50; low risk of slipping (UK Slip Resistance Guidelines); DIN 51130; R12. The construction of Altro safety flooring ensures that its slip resistance is maintained throughout the life of the product.*

Specification

Format		Roll
Dimensions	1.5m x 2.0m	(EN426)
Thickness	3.0mm	(EN428)
Weight	3.4 kg/m ²	(EN430)

Performance

Indentation	<0.1mm	(EN433)
Dimensional stability	<0.4%	(EN434)
Flexibility	PASS 20mm mandrel	(EN435)
Colour fastness	>6	(EN20105 BO2 Method 3)
Fire performance	Class 1 BS476:Part 7 1997 ≥ 8kw/m ² (EN ISO 9239-1) Pass (EN ISO 11925-1) Class B _{fl} s1 (EN13501-1)	
Classification	Class 34 & 43	(EN685)
Abrasion wear	Group T	(EN660-2)

Warranties

Warranty	12 years	(subject to conditions on warranty form).
Life expectancy	20+ years	(under many traffic conditions, wear is comparable to epoxy and quarry tiles).

Chemicals

Resists	Common dilute acids, alkalis and many organic solvents
Caution	Ketone solvents

Chemical spillages should always be removed immediately to protect the floor. For areas liable to chemical spillages, please consult Altro for technical advice.

N.B. More information on performance and standards is available in the Altro Flooring and Walling brochure or at www.altro.com

Staining and Protection

Certain chemicals may cause staining of vinyl. Traffic stain can be caused by oil residue, certain cleaning agents, asphalt and anti-oxidants in some types of rubber. Chairs and stools should be fitted with quality plastic feet to avoid damage to the floor. For further information or advice, please contact Altro.

Colour Choice

The colour of Altro safety flooring should be carefully chosen with expected traffic conditions in mind and protective measures, such as the use of barrier matting, should be taken wherever possible.

Biological

Excellent surface antibacterial activity due to bacteriostat incorporation**.

Materials of Composition

Matrix	High-quality vinyl
Inclusions	Aluminium oxide granules - throughout; silicon carbide and coloured quartz - surface layer
Backing	Non-woven polyester/cellulose, glass fibre reinforcement
Wear layer	3.0mm

Recommended Cleaning Methods

Machine or hand scrubbing and AltroClean 44™ or other Altro approved cleaners. Technical advances to Altro safety floors significantly improve their cleaning characteristics. Refer to Altro safety flooring routine maintenance instructions for comprehensive cleaning advice and chemicals on www.altro.com or contact 01462 707600. N.B. Where maximum slip resistance is not required, AltroGloss™ 211, may be applied (entirely on building owner's responsibility for Health & Safety assessment).

Installation and Maintenance

All installations in accordance with Code of Practice BS 8203:2001, and Altro safety flooring installation instructions.

Joints	All hot welded
Subfloor	As Code of Practice, with effective DPM where necessary
Adhesives	As recommended in Altro safety flooring installation instructions, the Altro price list or at www.altro.com

N.B. Failure to install and maintain Altro floors in accordance with 'Altro safety flooring installation instructions' can affect its performance and slip resistance. Floors should be protected from other trades and thoroughly cleaned before handover.

Altro Flooring and Walling Ranges

Products include safety flooring, smooth flooring, resin systems, Mondo rubber, sports flooring, hygienic wall coatings, hygienic PVCu walling and ceiling systems, hygienic doorsets, decorative wall coatings and protective wall coatings. For more information ask for the Altro Flooring and Walling brochures appropriate to your industry sector, or visit www.altro.com

Sample Specification

The slip resistant vinyl sheet flooring to be Altro safety flooring Stronghold 30, thickness 3.0mm, width 2000mm, colour (.....), as manufactured by Altro. All flooring to be hot welded and laid according to the manufacturer's instructions with recommended adhesives and sealants.



samples@altro.com

NBS model specification is available for downloading on www.altro.com or telephone 01462 707600. Prior to specification please ensure you are referring to the most recent sample card.

To obtain individual samples use the SampleExpress service. Please quote the product range and product name/ number. Larger samples are also available but may take a few days.

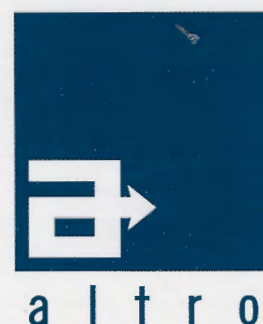
Please request the Altro Whiterock sample card for further information on Altro Stronghold 30's ideal accompanying wall and ceiling solution.

*For wet areas where bare-foot slip resistance is required such as shower and drying off areas, swimming pool and whirlpool surrounds and their changing rooms we recommend the use of Altro Marine T20.

**Please consult Altro Technical Services.



<p>EN14041 0120 GB06/72664</p> <p>Manufactured by: Altro Ltd, Works Road Letchworth Garden City SG6 1NW United Kingdom</p>	<p>Castor chair continuous use EN 425</p>	<p>Water tightness EN 13553</p>	<p>Classification Class 34 Commercial very heavy EN 685</p>	
	<p>Resistance to Chemicals EN 423</p>	<p>Slip Resistance EN 13893</p>	<p>Classification Class 43 Industrial Heavy EN 685</p>	<p>EN13845</p>
	<p>Reaction to fire EN 13501-1</p>	<p>Enhanced Slip EN 13845</p>		



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 • Ceiling Systems • Wall Cladding • Wall Coatings • Hygienic Doorsets