

Pine TS2004



Chestnut TS2002



Beech TS2001

Altro Timbersafe™

Worlds together

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a l l r o



Walnut TS2006



Oak TS2003



Cherry TS2005



superior cleanability

independently proven
to outperform other
leading safety floors

N.B. Exact colour match with samples cannot be guaranteed.
In order to view the full design of the product please request a larger sample of your preferred choice.



altro

Altro Timbersafe™ sheet alignment

OCTOBER 2006

Altro Timbersafe is manufactured with a directional pattern with a repeat of 600mm. We recommend that the material is laid from sheet to sheet with a random

pattern match and that cross joints should be avoided where possible.

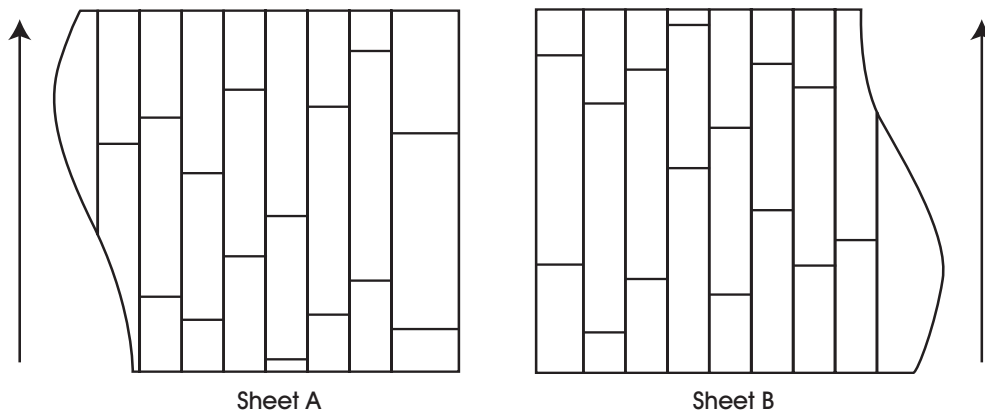


Diagram 1 - Ensure that both sheets are laid out in the same direction.

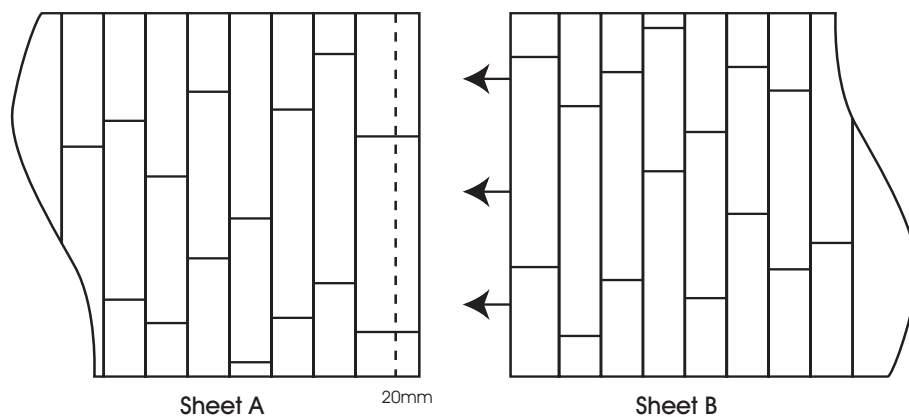


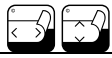















Diagram 2 - Overlap Sheet B over Sheet A by 20mm (to dotted line indicated) and cut in the joint. The end plank on one side is 20mm wider than the rest of the planks to enable this.

For further information or technical advice

tel: 01462 707600 fax: 01462 707515

e-mail enquiries@altro.com or explore www.altro.com

Product Description	Decorative, flexible, directional PVC Safety Flooring containing Aluminium Oxide granules on the surface		
Areas of Use	Public Circulation areas, school corridors, hospital streets, classrooms, shops and supermarkets		
Support Reinforcement	Non-woven polyester & cellulose glass scrim		
Thickness		EN 428	2.0mm
Wear Layer		EN 429	0.8mm
Weight		EN 430	2.6kg/m ²
Roll dimensions		EN 426	1.56m x 25.64m - 40m ²
Colours	6		
Warranty	7 years		
Patent	GB232663, US 6 579 610, GB2394913, GB2394914		

Product Approval		EN 13845	Approved
Water Tightness		EN 13553	Approved
Classification For Use		EN 685	34 & 43
Light Fastness		EN 20105-B02	>6
Sound Insulation		ISO 140-8	3dB
Wear Resistance		EN 13845	<10% particles lost over 50000 Cycles
Flexibility		EN435	Pass
Indentation		EN 433	≤0.10mm
Fire Performance		EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class B _{fl} s1 ≥8kW/m ² Pass
Slip Resistance		TRRL DIN 51130 EN 13845 EN 13893	Low potential for slip R10 ESf DS
Chemical Resistance		EN 423	Good *
Castor Chair Abrasion		EN 425	Pass
Suitability for Under Floor Heating		EN 12667 (Thermal Conductivity)	Suitable
Biocidal			Contains integral biocide

* please contact Altro Technical Services for further information

Altro Timbersafe™

Patent pending

Without compromising beauty or slip resistance, Altro has brought together the worlds of wood-look flooring and safety. So for the very first time you can specify the warm appearance of a wood floor for busy public areas such as corridors, shops, wards, cafes and receptions while assured that you've chosen a true safety product. And, thanks to the revolutionary Altro Maxis technology, you have a safety floor that's easy to clean too.

our promise to deliver



the highest quality products & services



Standards and Accreditation

Tested in accordance with EN 13845.
Patent No. GB2362663.
US Patent No. 6 579 610.
Patent No. GB2394913.
Patent No. GB2394914.

Slip Resistance

Greater than or equal to 36; low risk of slipping (UK Slip Resistance Guidelines). The construction of Altro safety flooring ensures that its slip resistance is maintained throughout the warranty of the product**.

Specification

Format	Roll
Dimensions	25.64m x 1.56m (40m ²) (EN426)
Thickness	2.0mm (EN428)
Weight	2.6kg/m ² (EN430)

Performance

Extensive independent cleaning trials and colour retention tests have proved that Altro Maxis Technology demonstrates superior performance to all other, 'easy maintenance' safety flooring products. Please feel free to contact Altro for further details of these tests.

Indentation	≤0.1mm	(EN433)
Dimensional stability	<0.4%	(EN434)
Flexibility	PASS	(EN435)
Colour fastness	>6	(EN20105 B02)
Fire performance	≥8kw/m ²	(EN ISO 9239-1)
	Pass	(EN ISO 11925-2)
	Class Bfl s1	(EN13501-1)
Classification	34 & 43	(EN13845)

Warranties

Warranty 7 years
(subject to conditions on warranty form).

Life expectancy 12 years
(under many traffic conditions, wear is comparable to epoxy and quarry tiles).

Chemicals

Resists	Common dilute acids, alkalis and many alcohols
Caution	Ketone solvents Aromatic 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 Altro Flooring and Walling brochures or on www.altro.com

Staining and Protection

Altro Timbersafe offers high levels of stain resistance, however certain chemicals may cause staining of vinyl. Altro Easyclean Maxis™ Technology resists traffic stains caused by oil residue, certain cleaning agents, asphalt and anti-oxidants in some types of rubber. Cigarette ends will scar the surface of vinyl floor coverings. Chairs and stools should be fitted with quality plastic feet to avoid damage. For further information or advice, please contact Altro.

Biological

Excellent surface antibacterial activity due to bacteriostat incorporation*.

*Please consult Altro Technical Services for further information.

Materials of Composition

Matrix	High quality vinyl
Inclusions	Contains aluminium oxide on the surface layer
Backing	Non-woven polyester/cellulose, glass fibre reinforcement
Wear layer	0.8mm

Recommended Cleaning Methods



Over the years, technical advances to Altro safety floors have significantly improved their cleaning characteristics. And now, the development of Altro Easyclean Maxis™ Technology means that in many conditions, only mop cleaning is required. When mopping or hand scrubbing, use AltroClean 44™. For comprehensive advice on cleaning techniques and

chemicals, refer to Altro safety flooring routine maintenance instructions on www.altro.com

Installation and Maintenance

All installations in accordance with Code of Practice BS 8203:2001, and Altro safety flooring installation instructions. All sheets should be laid in the same direction.

Joints	All hot-welded.
Subfloor	As Code of Practice, with effective DPM where necessary
Adhesives	As recommended in Altro safety flooring installation instructions 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 Solutions brochures appropriate to your industry sector, or visit www.altro.com

Sample Specification

The slip resistant vinyl sheet flooring to be Altro safety flooring Timbersafe, thickness 2.0mm, width 1560mm, colour (.....), as manufactured by Altro. All flooring to be hot welded and laid according to the manufacturer's instructions with recommended adhesives and sealants.



NBS model specification is available for downloading on www.altro.com or telephone 01462 707600.

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.

**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 T20 Marine.



explore altroism at www.altro.com

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