

# Orchestra





## Altro Orchestra

### Application areas:

- school, kindergarten and university communal spaces and classrooms
- student accommodation and communal areas
- hospital and care home communal areas and patient / resident rooms
- office circulation and communal areas
- retail
- hotel and leisure public and dining areas
- home adaptations / social housing communal areas
- anywhere where the passage of sound must be reduced between storeys and within rooms

For areas where comfort and sound reduction are important, 2.85mm Altro Orchestra has been engineered to create the ideal environment to learn, live and work. Low residual indentation facilitates the flexible use of equipment and furniture, including hospital beds. At the same time, the integrated impact sound insulation system cuts impact sound by 15dB. It offers comfort underfoot making life easier on the feet of students and patients but particularly hard-working staff who spend countless hours on the move. Co-ordinates with other ranges. NEW Altro Orchestra features a reduced emboss to ensure easier cleaning without compromising its technical performance.



Bongo | CH2840U  
WR461 / A1M152 / LRV 27



Chimes | CH2836U  
WR457 / A1M335 / LRV 52



Oboe | CH2835U  
WR456 / A1M338 / LRV 34



Violin | CH2834U  
WR455 / A1M361 / LRV 31



Conga | CH2879U  
WR390 / A1M390 / LRV 30



Trombone | CH2839U  
WR460 / A1M484 / LRV 39



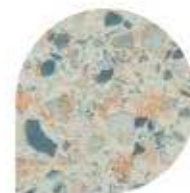
Flute | CH2833U  
WR454 / A1M86 / LRV 22



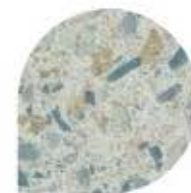
Drum | CH2837U  
WR458 / A1M74 / LRV 18



Manon | CH2878U  
WR391 / A1M82 / LRV 17



Serpent\* | CH2850U  
WR517 / A1M136 / LRV 56



Maraca | CH2855U  
WR499 / A1M136 / LRV 59



Musette | CH2856U  
WR515 / A1M136 / LRV 49



Volta\* | CH2851U  
WR518 / A1M335 / LRV 48



Porter\* | CH2854U  
WR488 / A1M483 / LRV 43



Notturmo\* | CH2853U  
WR497 / A1M369 / LRV 48



Chromatic\* | CH2852U  
WR496 / A1M136 / LRV 49



Brass\* | CH2842U  
WR483 / A1M483 / LRV 44



Woodwind\* | CH2843U  
WR489 / A1M385 / LRV 45



String | CH2841U  
WR484 / A1M484 / LRV 40



Percussion | CH2844U  
WR490 / A1M66 / LRV 18



Turandot\* | CH2847U  
WR482 / A1M482 / LRV 15







Metal | CH2818U  
WR439 / A1M84 / LRV 16



Chant | CH2814U  
WR435 / A1M390 / LRV 26



Reed | CH2874U  
WR513 / A1M85 / LRV 39



Polka | CH2859U  
WR502 / A1M390 / LRV 23



Cornet | CH2864U  
WR506 / A1M82 / LRV 20



Sitar | CH2869U  
WR510 / A1M347 / LRV 38



Macavity | CH2867U  
WR508 / A1M11 / LRV 57



Seville\* | CH2860U  
WR503 / A1M79 / LRV 45



Tosca | CH2862U  
WR494 / A1M494 / LRV 23



Figaro | CH2858U  
WR501 / A1M82 / LRV 13



Marimba\* | CH2863U  
WR505 / A1M390 / LRV 30



Fidelio\* | CH2868U  
WR509 / A1M85 / LRV 35



Nabuoco\* | CH2873U  
WR512 / A1M84 / LRV 24



Timpani | CH2861U  
WR504 / A1M417 / LRV 20



Kora\* | CH2871U  
WR495 / A1M495 / LRV 8



Aurora | CH2857U  
WR500 / A1M136 / LRV 60



Elektra | CH2870U  
WR511 / A1M392 / LRV 58



Carlotta\* | CH2865U  
WR507 / A1M337 / LRV 26



Trumpet | CH2825U  
WR446 / A1M347 / LRV 37



Glockenspiel | CH2827U  
WR448 / A1M361 / LRV 23







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## Floors



### Altro Orchestra Custom

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- hospital and care home communal areas and patient / resident rooms
- office circulation and communal areas
- retail
- hotel and leisure public and dining areas
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- anywhere where the passage of sound must be reduced between storeys and within rooms

With Altro Orchestra Custom it's possible to create a totally unique space, completely tailored to how the area will be used, and who is using it.

Choose a design from the Altro collection of images and patterns, or upload your own design using our simple step-by-step Custom service. It couldn't be simpler. Altro Orchestra Custom floors have the performance and guarantees you expect from Altro floor plus 15dB impact sound reduction and comfort underfoot.



Hexagon Triangle Grey 1 | DPSCH0036



For full technical details @ [altro.co.uk](https://altro.co.uk)



Altro Orchestra™

15dB- sound reduction and comfort underfoot

## PRODUCT DESCRIPTION

- Manufacturer and product reference: ○ **Altro Orchestra** 2.85mm thick Acoustic Floor by Altro Floors, telephone 8000 444 7649
- Product specification according to BS EN 651
- Heterogeneous PVC floor with fleece back
- **Phthalate free – plasticisers based on natural resources**
- **Area of use:** ○ Corridors and classrooms in schools, kindergartens, universities, student accommodation, hospitals / care home corridors and patient rooms, retail, home adaptations / social housing
- Surface protection – Easyclean PUR
- EN ISO 10874 class 34 / 42
- Width: **2000 mm**
- Thickness: **2.85mm**
- Colour: **TBC**
- **Guarantee – 10 years**
- Seam welding: Hot-welding with matching Altro Welding Rod
- The Altro quality and environmental management systems are certified in accordance with ISO 9001 and ISO 14001

Property	Standard	Performance
Flooring Type	EN 651	Resilient flooring / Acoustic Flooring
Thickness	EN ISO 24346	2.85mm
Wear layer	EN ISO 24340	0.7mm
Roll dimensions	EN ISO 24341	2.0m x 20.00m - 40m <sup>2</sup>
Weight	EN ISO 23997	2.6 kg/m <sup>2</sup>
Classification for use	EN ISO 10874	34 & 42
Fire performance	EN 13501-1	
EN ISO 9239-1		
EN ISO 11925-2		Class Cfl-s1
≥4.5kW/m <sup>2</sup>		
Pass		
Slip resistance	EN 13893 DIN 51130	DS R10
Flexibility	EN ISO 24344	Pass
Light fastness	EN ISO 105-B02	≥ 6
Wear resistance	EN 660-2	T
Castor chair abrasion	EN 425	Pass
Indentation	EN ISO 24343	≤ 0.10mm
Sound insulation	ISO 140-8	Ca. 15dB
Chemical resistance	EN ISO 26987	Good
Under floor heating	EN 12667	Suitable 27°C at adhesive line
Electrical behaviours	EN 1815	≤ 2kV Antistatic
VOC Emissions	Section 01350/Floorscore	Approved



# USPs – Acoustics



Product Benefit	Benefit to end users
<ul style="list-style-type: none"><li>15db impact sound reduction makes it ideal for noisy environments such as hospitals and kindergartens reducing impact sound at source</li></ul>	<ul style="list-style-type: none"><li>Offers “the complete deal” – comfort underfoot, noise reduction, no issues with rolling loads, good residual indentation.</li><li>Added comfort and warmth underfoot aided by a unique fleece backing provide an enhanced experience with added sound reduction from impact noise of 15dB to reduce sound transmission both between floor levels and in rooms.</li></ul>
<ul style="list-style-type: none"><li>Added comfort and warmth underfoot aided by a unique fleece backing to provide an enhanced experience and 15dB sound reduction to reduce sound transmission both between floor levels and in rooms. No issues with rolling loads, high resistance to residual indentation</li></ul>	<ul style="list-style-type: none"><li>Alternative to carpets in terms of softness, noise reduction, but much easier to maintain.</li></ul>





# USPs – Design Flexibility



Product Benefit	Benefit to end users
<ul style="list-style-type: none"><li>• Wood look creates warmth and homely look, ideal for making people feel at home and potentially aiding recuperation</li><li>• A multitude of look scan be created – from warm and homely to cool and modern.</li><li>• Shades range from calming neutrals to vibrant shades allow the right atmosphere to be created every time harmonising with Altro walls for a complete surface solution. Subtle surface textures extenuate each design for closer realism</li><li>• Inspired by historic Dessau Bauhaus modernist art school of the 20th century.</li><li>• Made in Germany – 10 year guarantee, 15 year life expectancy</li></ul>	<ul style="list-style-type: none"><li>• Wood works brilliantly with other Altro floors and walls, plus other finishes such as metal/glass.</li><li>• Customers can achieve an on trend look for their environment.</li><li>• The range of colours can also help with wayfinding and zoning.</li><li>• Harmonises with Altro walls for a complete solution (Whiterock where hygiene matters, Fortis where wall protection needed).</li></ul>
<ul style="list-style-type: none"><li>• 4 unique designs and 52 shades to allow flexibility of design and colour from one space to another. Designed to elevate and enhance the look and feel of a building, to match or contrast with adjacencies and future proof a space to allow change of use, without compromise.</li><li>• Three ranges draw from same colour palette to make using different products to suit different areas easier when it comes to design and LRV's.</li></ul>	<ul style="list-style-type: none"><li>• The concrete finish has a high quality emboss that gives a realism adds interest to the floor. It offers more character than totally smooth flooring surfaces which can be flat and lifeless.</li><li>• The linen finish bridges the gap between soft floor coverings and resilient options.</li><li>• End users also have endless design possibilities as the available colour choice can be combined with Altro Debolon R300.1 and Altro Debolon R450.1 to meet the needs of the building and where a matching colour or design is preferred.</li><li>• The Orchestra range is designed to elevate the look and feel of a building, to match or contrast with adjacencies and future proof a space to allow change of use - without compromise</li></ul>
<ul style="list-style-type: none"><li>• High resistance to residual indentation allow this to be used throughout any commercial building.</li></ul>	<ul style="list-style-type: none"><li>• Its low residual indentation facilitates flexible use of equipment and furniture - it's suitable for wheeled traffic .</li></ul>





# USPs – Wellbeing



Product Benefit	Benefit to end users
<ul style="list-style-type: none"><li>Engineered to create the ideal environment to learn and live.</li><li>Biophilia: natural tones resonate with us, helping create feelings of calm, well-being and comfort. Ideal for healthcare and education environments (see brochure for facts on biophilia).</li></ul>	<ul style="list-style-type: none"><li>Studies show that a well designed environments can help with faster recovery time which means that the patient/ resident is able to recover quicker which is a benefit for the end user as bed space is freed up for the next person.</li><li>Comfort underfoot makes life easier on patients/residents/staff</li><li>Colour palette chosen to reflect acoustic properties i.e. soft, calm, relaxing</li><li>Low-reflective surfaces to reduce reflection and glare</li></ul>



# USPs – Practical



Product Benefit	Benefit to end users
<ul style="list-style-type: none"><li>• Can be welded to provide a hygienic surface, ensuring it's suitable for areas where that is required.</li></ul>	<ul style="list-style-type: none"><li>• With welded finishes, there is less risk of water ingress and for dirt and bacteria to hide in gaps.</li><li>• Alternative to carpets – softness, noise reduction but much easier to maintain and much more hygienic.</li></ul>
<ul style="list-style-type: none"><li>• Dirt-hiding shades/finishes (e.g. linen).</li></ul>	<ul style="list-style-type: none"><li>• In areas with high traffic, coloured patterns can help hide stains or dirt.</li></ul>
<ul style="list-style-type: none"><li>• Low residual indentation facilitates flexible use of equipment and furniture. - it's suitable for wheeled traffic.</li></ul>	<ul style="list-style-type: none"><li>• Whilst not a safety floor, moderate potential for slip is offered against occasional spillages</li></ul>