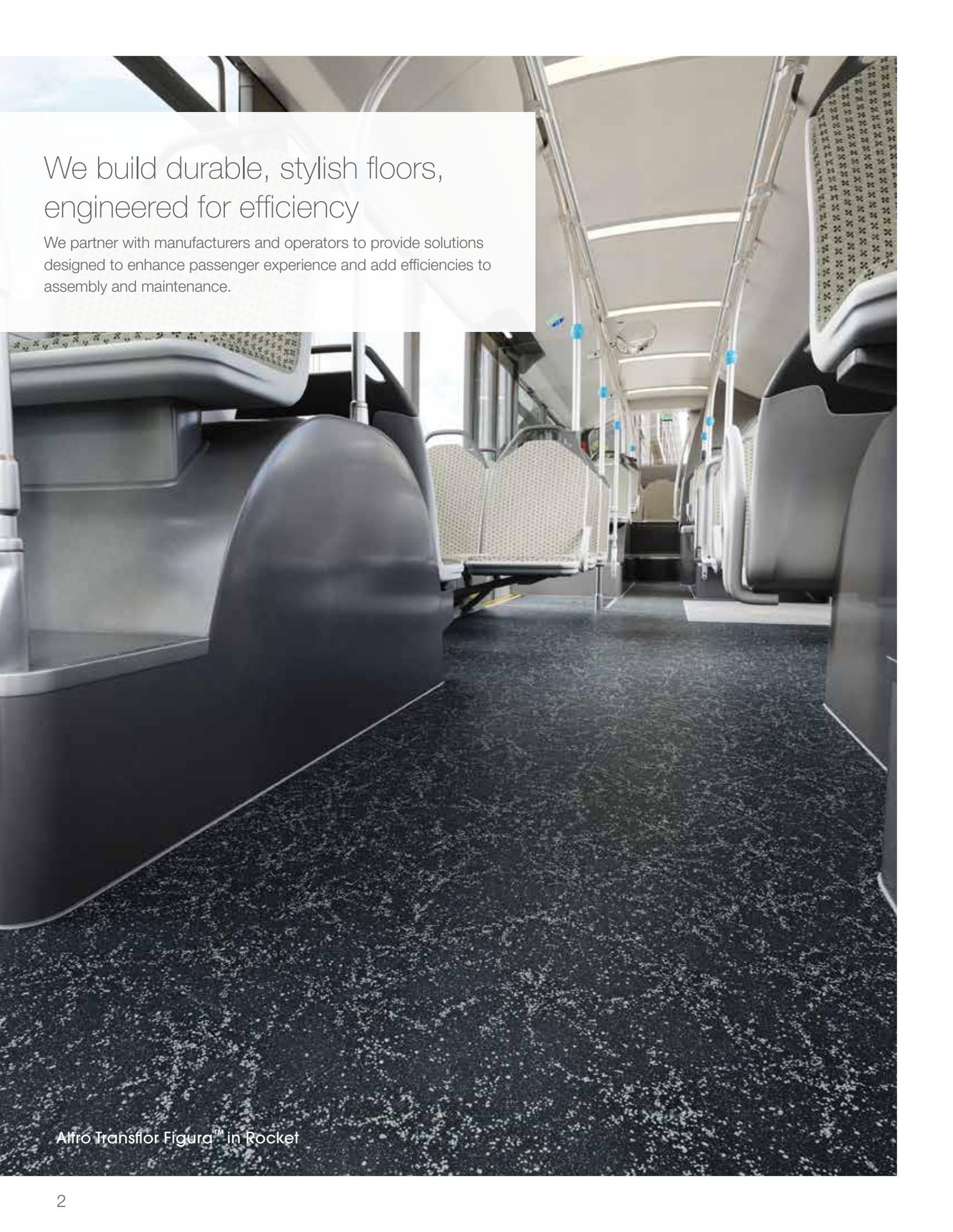




altro

Bus floors guide

The image shows the interior of a modern bus. The floor is covered in a dark, speckled material, likely the Alfro Transflor Figura product mentioned in the caption. The seats are grey with a patterned backrest. The bus has large windows and overhead handrails. The lighting is bright and even.

We build durable, stylish floors, engineered for efficiency

We partner with manufacturers and operators to provide solutions designed to enhance passenger experience and add efficiencies to assembly and maintenance.

Alfro Transflor Figura™ in Rocket



What we do

Bus floors, installation services, technical guidance

Altro has been creating and manufacturing high quality transport flooring for over 60 years. Driven to transform everyday spaces for the people who use them, design-led innovation is at the heart of everything we do.

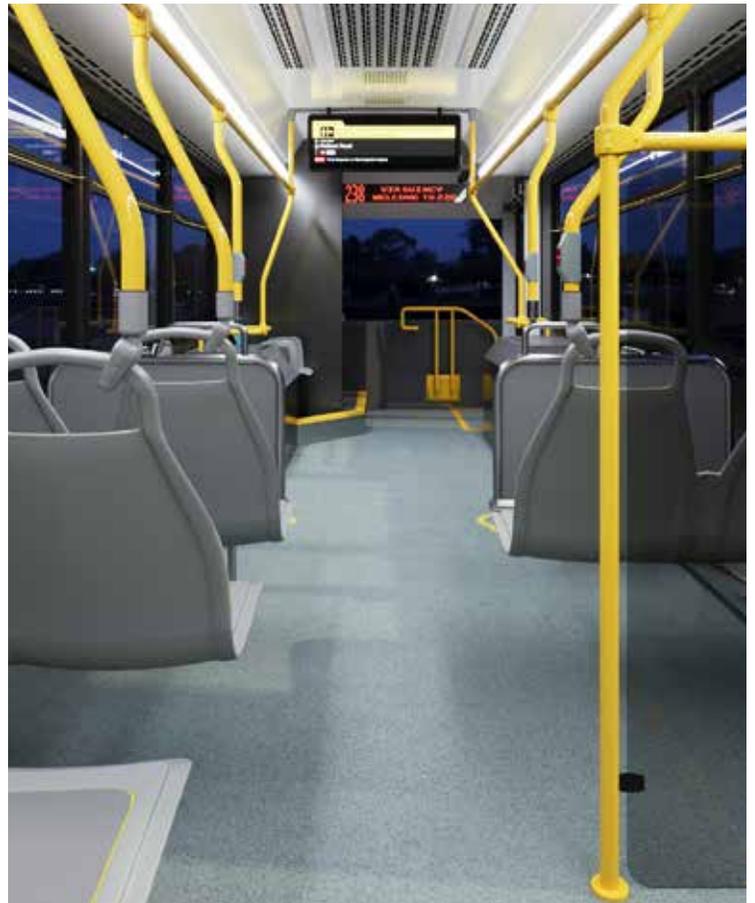
We help create environments for passengers which are both inviting and safe by partnering with the industry's leading bus and coach builders and operators globally.

What we are about

Durability, sustainability, accessibility

Whether it is through our design-for-everyone approach, the steps taken to improve the recyclability of our floors, or through our installation benefits that save time and waste for manufacturers, durability, accessibility and sustainability is at the heart of everything we do at Altro.

As the inventors of safety flooring, we offer market-leading warranty coverage. Our confidence in the durability of our products allows us to provide the longest warranties in the industry.





Pre-cut floors, even more recyclable, designed for everyone

Our pre-cut flooring service takes away the risk of creating unnecessary material waste and the additional cost of waste disposal.

Our multi-layered products have reduced hard aggregates, allowing them to be processed far more easily.

We help our customers take steps to improve the accessibility of their vehicles, to consider inclusivity within design that helps improve transport environments for everyone.





Santa Fe Springs, California



Mississauga, Ontario



Dandenong South, Melbourne

Altro global locations and offices



Transport Centers of Excellence

Across the world

Altro Global Transport's expansive presence across North America, Europe and APAC regions offers significant advantages to our customers by ensuring seamless, reliable, and efficient logistics solutions worldwide.

This global footprint enables Altro to provide localized expertise and support in key geographies, while maintaining consistent service standards across borders. Additionally, Altro's global network enhances resilience against regional disruptions, offering customers greater flexibility and continuity in their transport needs.



Dessau, Saxony-Anhalt



Dessau, Saxony-Anhalt



Letchworth Garden City, Hertfordshire

The hardest working (HD⁺) heavy duty floors, for the hardest working vehicles

Specifically engineered to meet the diverse challenges of the bus market, these lightweight floors have been developed to offer the optimum balance of lightweight technology, surface resilience, slip resistance, comfort underfoot, and ease of cleaning.

Altro Transflor Chroma™ in Capri



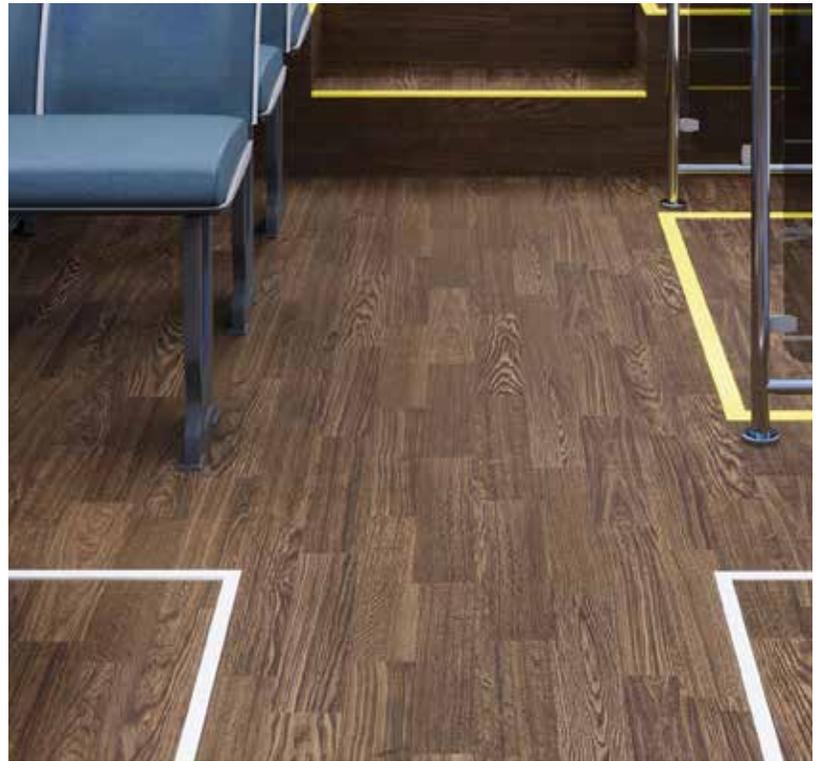


Dual-layered core collection

Uncompromised safety flooring

Over 60 years we have refined and perfected our core collection, maximizing durability and safety, optimizing efficiency and versatility.

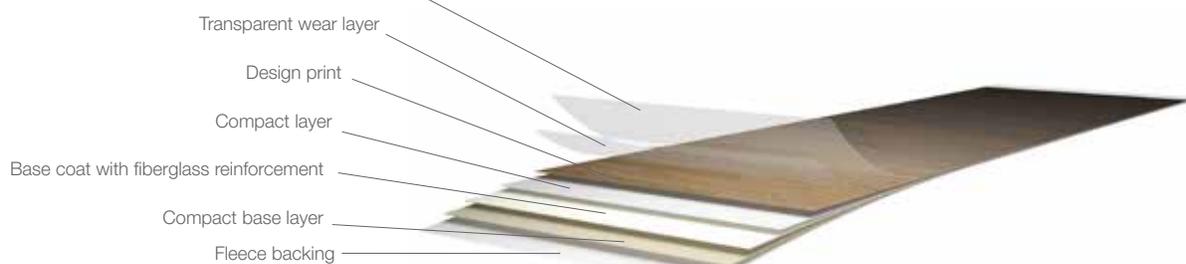
Enduring performance backed with up to 15-year non-prorated warranties, the Altro Transflor Meta™, Altro Transflor Chroma™, Altro Transflor Chroma™ Platinum and Altro Transflor Figura™ products last the lifetime of your vehicle.

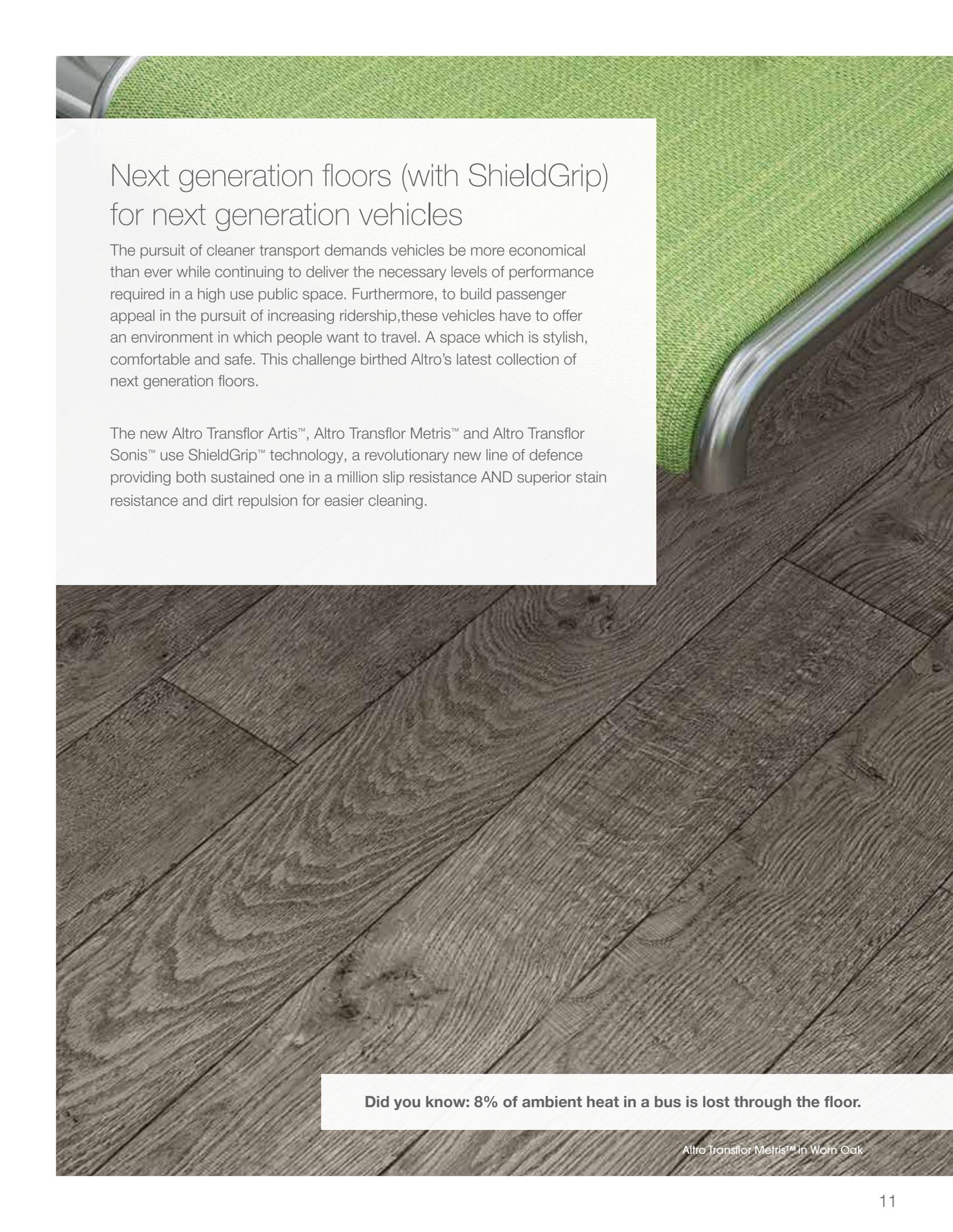


Multi-layered next generation floors

A multi-layered product set, Altro Transflor Artis™, Altro Transflor Metris™ and Altro Transflor Sonis™ were purposely engineered to put you in control of performance delivering our renowned levels of safety with an array of new benefits – including thermal management, acoustic insulation, weight optimization, and market-leading cleanability – to suit the precise needs of your LoNo or zero emission vehicles.

Altro ShieldGrip™ provides slip resistance and advanced stain protection





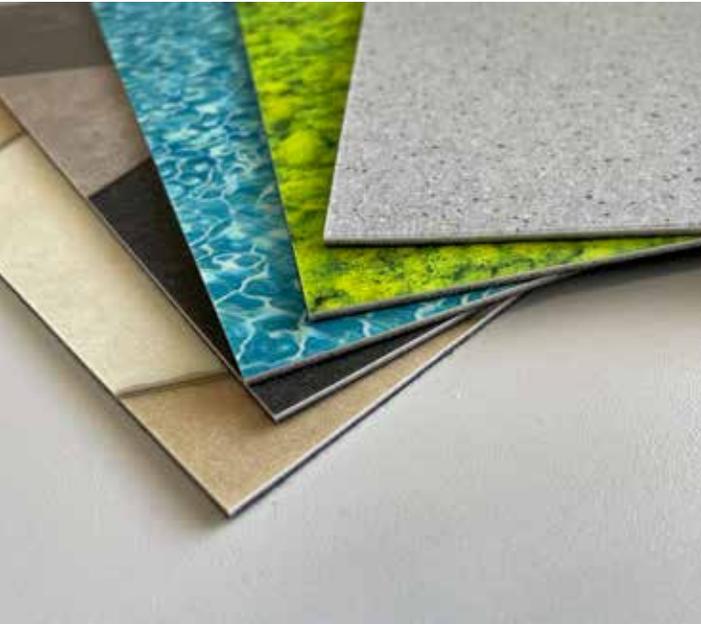
Next generation floors (with ShieldGrip) for next generation vehicles

The pursuit of cleaner transport demands vehicles be more economical than ever while continuing to deliver the necessary levels of performance required in a high use public space. Furthermore, to build passenger appeal in the pursuit of increasing ridership, these vehicles have to offer an environment in which people want to travel. A space which is stylish, comfortable and safe. This challenge birthed Altro's latest collection of next generation floors.

The new Altro Transflor Artis™, Altro Transflor Metris™ and Altro Transflor Sonis™ use ShieldGrip™ technology, a revolutionary new line of defence providing both sustained one in a million slip resistance AND superior stain resistance and dirt repulsion for easier cleaning.

Did you know: 8% of ambient heat in a bus is lost through the floor.

Altro Transflor Metris™ in Worn Oak



Create your own product

Floors that tell your story

Customization is a powerful option for operators, whether they are looking to blend their brand into their flooring space, create wayfinding contrasts to increase accessibility for customers, or to provide a 'wow' factor for passengers which can increase ridership and provide unforgettable travel experiences.

Altro's digital print floors benefit from the robust, durable engineering that our floors are known for, softer engine noise with 15db acoustic performance, and lightweight construction.

All style with zero compromise.

Customization options

Digital print

Altro offers customizable digitally printed floors. If you have something specific in mind, the option is now there for you to have your own completely custom design for your vehicle.

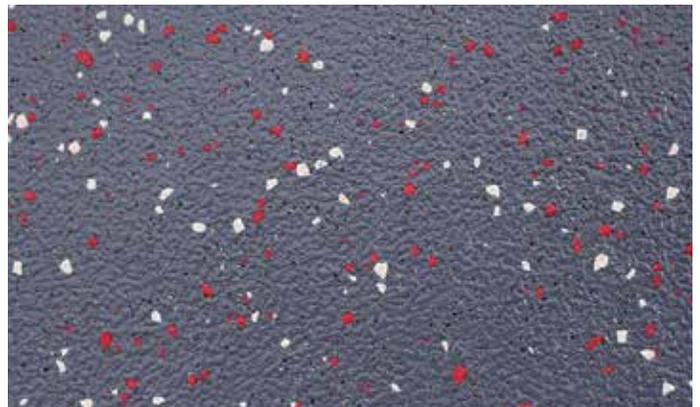
All designs are printed using our in-house state of the art digital printing technology, meaning high-fidelity, great looking designs.



Aggregate-scatter

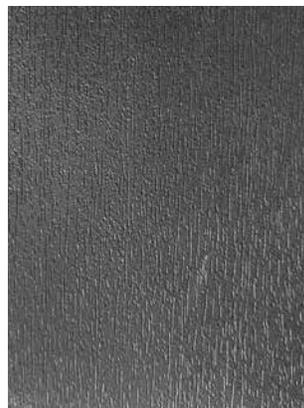
Our spread-coating method enables a sophisticated, creative, yet traditional custom design for floors.

You can use base color (RAL reference), chip blend (up to 4 colors), quartz color (2 colors and chip size 2mm - 5mm), and chip scatter (percentage and pattern) or choose between 3 Altro Transflor Figura™ patterns.



Gravure

Using our gravure method, you can combine patterns, colors, textures and thickness to create your own unique design from scratch. Simply select the RAL color you desire, choose your design pattern, select either wood grain or pepper and salt emboss, and decide on thickness (2.2mm, 2.85mm and 3.9mm)



For more information on any of these methods, contact your local Altro representative

Installation services

Altro solutions for city bus

Altro has worked closely with Original Equipment Manufacturers (OEMs) to develop a suite of installation services designed to streamline and enhance fitting, while minimizing time, weight and waste.

Pre-cut flooring service.

Order your flooring pre-cut to your specification, saving time and waste on your installation.



Sealed logo service.
Our sealed logo tiles offer extreme water resistance and great flexibility for easy installation and coving.





Self-adhesive flooring.

Our self-adhesive flooring utilizes a pressure sensitive acrylic transfer tape system to save time on your installation: simply peel, stick, roll, weld and walk.



1. Nosings and trims

Our range of nosings and trims are ideal for emphasizing high risk areas to passengers and protecting floors from daily wear.

2. Sealed logos

Pre-cut, water resistant logo tiles.

3. Pre-cut floors

Flooring delivered pre-cut to your specification, ready for install.

4. Self-adhesive

Flooring with adhesive pre-applied: simply peel, stick, roll, weld and walk.

Installation services - process

Working with the required dimensions for the intended vehicle, our in-house team can craft and deliver floors pre-cut, pre-welded, with a pre-applied adhesive backing, or in any combination of these options. This not only removes considerable time and effort from customers to facilitate more efficient assembly, but can also significantly reduce waste and increase material recycling.

Sealed logos

Altro's logos combine intricate design with robust performance to provide intelligent signage and wayfinding for transport applications.

Our sealed tiles provide maximum protection against water ingress, compliant to EN 13553: 2017 water tightness standards, bringing you peace of mind that the subfloor of your vehicle will remain protected. Altro sealed logos also retain high levels of flexibility to facilitate easy installation and coving.



Pre-cut floors

Receive your flooring pre-cut to fit your exact vehicle dimensions to save time on floor fitting and reduce waste going to landfill.

Using a floorplan of your vehicle, we use our in-house cutting technology to pre-cut your flooring order, delivering convenient lighter, smaller pre-cut rolls, saving you time and effort.



Installation services timeline

Design Submission

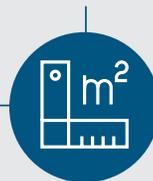
The process begins when a customer provides drawings or digital designs in a .DFX file, which serve as the blueprint for the entire project.

Dimension Verification

We meticulously check all point-to-point dimensions on the drawings. This crucial step ensures accuracy and prevents manufacturing errors.

Cost Estimation & Project Approval

A detailed estimate is generated, based on the optimized material usage and project scope, for customer review. Once approved, the project moves into the production phase.



Requirements Analysis

The project team assesses the specific kit and piece requirements, reviewing the design for scope, material type, and overall feasibility.

Material Optimization

A specialized software “nests” or arranges the measured points on a sheet of raw material to maximize yield and minimize waste, improving cost efficiency and sustainability.

Self-adhesive

Designed specifically to remove the need for manual adhesive application and curing times, Altro self-adhesive flooring provides further time-saving possibilities. Pre-applied backing is available for all our bus flooring products and completely eliminates adhesive application and curing time. Once positioned and bonded, self adhesive flooring can be welded and walked on immediately, allowing interior assembly and refurbishment to continue without delay.



Available across the range

These services are fully compatible with our full range of transport floors and with each other so can either be used in isolation or combined for accumulative benefits. However you choose to use them we're confident you will find Altro's installation services the perfect fit for any vehicle.

Quality Control

The newly cut parts undergo an on-site quality control process. Each piece is inspected to ensure it meets the dimensional accuracy and quality standards.

Delivery

The packaged kit is delivered to the customer's site, ready to be installed.



Material Processing

With the project approved, the raw material is processed using our on-site cutting technology to precisely create the required kit or individual pieces according to the nested plan.



Packaging & Labelling

Once approved, the completed kit pieces are carefully labelled and packaged for delivery. This makes it easy for the customer to identify each part.



Installation

The pre-cut and organized kit is installed, which significantly saves time and reduces material waste during the final vehicle assembly process.



Sustainability

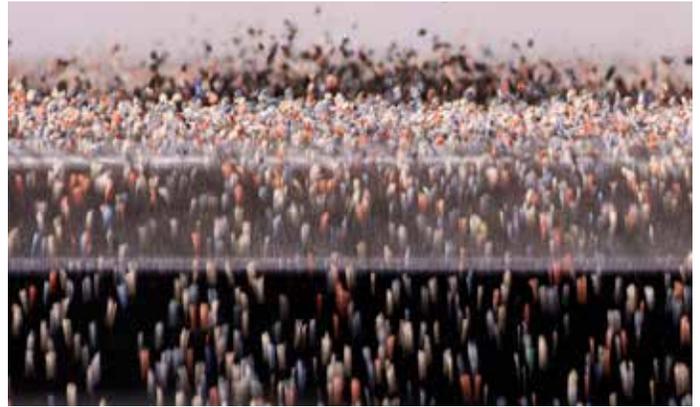
Creating healthier spaces

Living a more sustainable lifestyle is one of the biggest draws for passengers to choose public transport over their own private cars, so we believe that fitting your vehicles with sustainability conscious components shows a strong commitment to a greener environment.



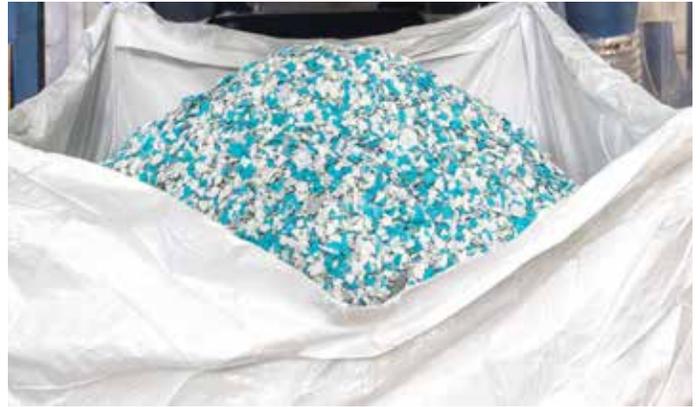
Raw materials

At Altro, sustainability drives the choices we make. It starts with the environmentally friendly raw materials we choose to go into our products which enable us to produce orthophthalate-free vinyl floors containing bio-plasticizers.



Recycling

Our commitment to sustainability has also enabled us to become the first manufacturer to recycle traditional safety flooring in-house. Since 2014 we've achieved 0% waste-to-landfill, an achievement to be proud of. Our latest collection of floors no longer depend on hard aggregates to produce sustained slip-resistance. This allows our products to be processed far more easily and enable recycling of waste and off-cuts on a wider scale.



Passing on the benefits

To further support our ongoing vision - and those of our customers - we offer a range of services which aid in the sustainability of your project. Save on waste with our kit cutting service, meaning no flooring goes to landfill. Reduce harmful VOCs with our self-adhesive installation method, meaning cleaner air. Operate on better fuel efficiency with our lightweight product construction.



Phthalate free

As part of our broader strategy to enhance environmental and ethical performance, we developed our phthalate-free PVC formulation in 2011. Phthalates are potentially harmful plasticizers that improve flexibility of flooring products. Our phthalate-free formulation ensures our flooring solutions are safer for both the people who use them and the spaces in which they're installed.





Cleaning and maintenance

Keep up performance

All Altro bus floors are engineered to ensure an easy and fast cleaning and maintenance program. In order to keep our floors looking great and performing well, Altro recommends a robust cleaning program incorporating both routine and deep cleaning, as needed on each individual vehicle. For the best results on bus floors, Altro recommends the use of AltroClean 44™.

Neutral-based cleaning

Our next generation floors clean well even with less aggressive, neutral detergents often specified in modern vehicle warranties. Thanks to Altro ShieldGrip technology, our floors facilitate easy cleaning without the need of corrosive alkaline-based detergents that are harmful for the environment.



Guidance

A wide range of cleaning guidance is available in written, pictorial and video format at altro.com/transflor-cleaning





Recommended cleaning methods

Altro transport flooring April 2024

Altro Transflor Chroma™ EV, Altro Transflor Meta™, Altro Transflor Figura™ EV, Altro Transflor Motus™, Altro Transflor Tungsten™, Altro Transflor Artis™, Altro Transflor Wood™, Altro Transflor Sonis™, Altro Transflor Metris™, Altro Transflor Metris™ Custom

Manual	Mechanical
<ol style="list-style-type: none"> 1. Sweep up dust and dirt, remove large debris. 2. Using a microfibre mop apply a solution of AltroClean 44™ or equivalent alkaline cleaner to the floor in the correct dilution and leave for several minutes. <i>(The dilution rate depends upon how dirty the floor is and the concentrate used (see separate AltroClean 44 and 44+ data sheets for further information).)</i> 3. Scrub with a deck scrubber or the Altro UniPad cleaning pad attached to a multi mop handle. 4. Rinse the floor with warm clean water, removing the dirty water from the floor with a microfibre mop and allow to dry. Use a double bucket to ensure that the floor is rinsed well with clean water. 	<ol style="list-style-type: none"> 1. Vacuum up dust and dirt, remove large debris. 2. Apply a solution of AltroClean 44™ or equivalent alkaline cleaner in the correct dilution and leave for several minutes. <i>(The dilution rate depends upon how dirty the floor is and the concentrate used (see separate AltroClean 44 and 44+ data sheets for further information).)</i> 3. Mechanically scrub using a rotary cleaning machine fitted with an Altro UniPad cleaning pad or similar cleaning pad of the correct size. 4. Wet vacuum the residue and then using a microfibre mop rinse the floor with warm clean water and vacuum dry.

Failure to maintain Altro flooring in accordance with recommended procedure can affect the performance of the product. Further information is available from Altro. Please ensure you have the health and safety data sheet for any cleaner you intend to use. In the event of any queries our Technical Services Department will be pleased to advise you.



Manual cleaning



1. Vacuum up dust and dirt, remove large debris.
2. Measure out correct volume of Altro 44™ or equivalent cleaner.
3. Measure out correct volume of water.
4. Combine both measurements of Altro 44™ and water: 1:10 ratio.
5. Pour water and combined cleaning solution into bucket.
6. Apply cleaner to floor using a nylon floor mop.
7. Wait 5 minutes.
8. (Extra step for deep cleaning) Scrub cleaner back and forth on the floor.
9. Rinse thoroughly with hot, clean water to ensure that no cleaner residue remains on the surface.
10. Place safety signage onto wet floor.
11. Keep safety signage in place until floor is thoroughly dry.
12. Rinse both mop and scrubber thoroughly in the sink basin.

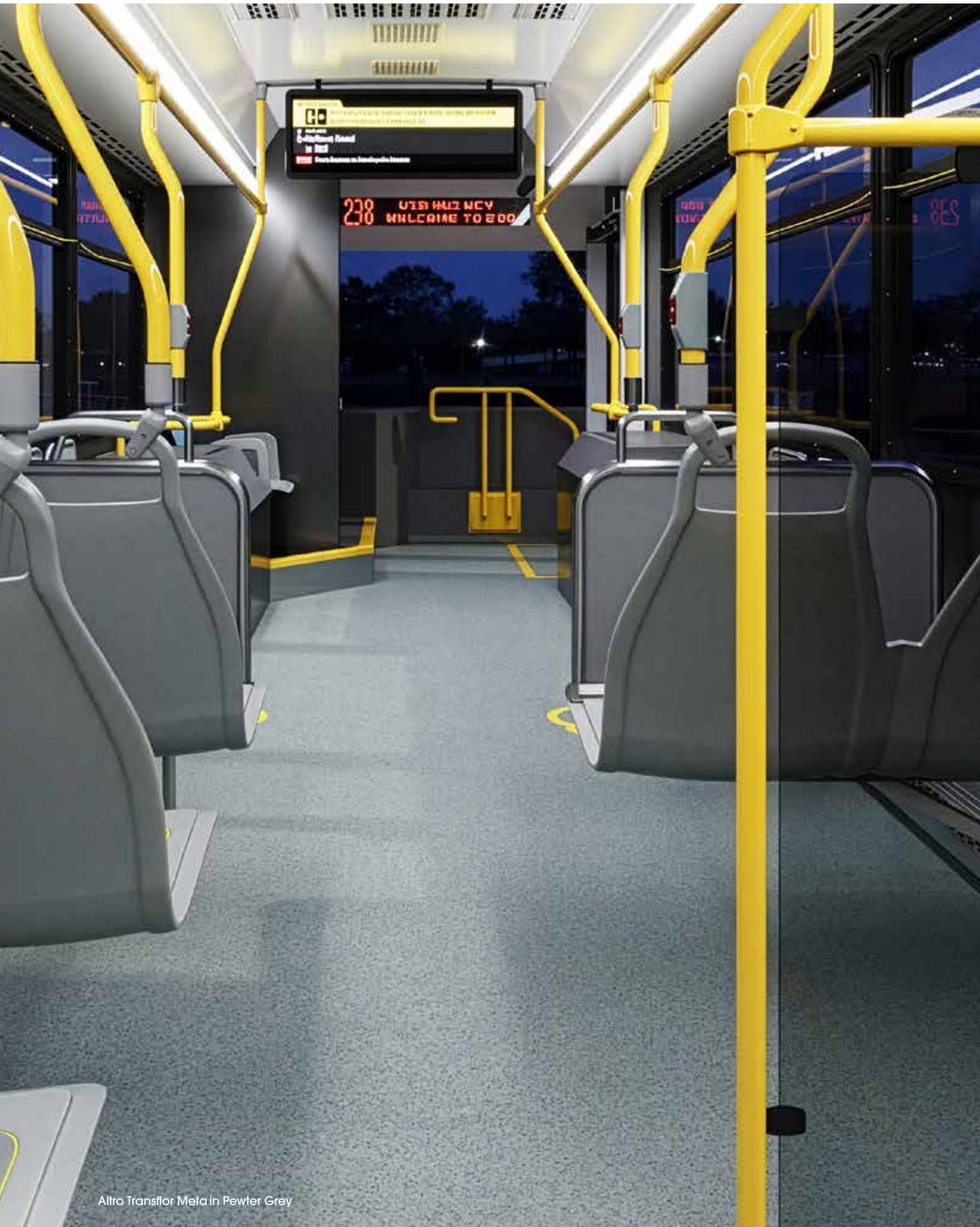
En español →

1 800 362 0233 USA / 1 800 565 4656 CANADA

transflor@altrofloors.com

www.altro.com

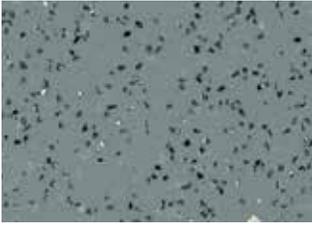
For technical support please call and speak with our Transport Technical Services department.



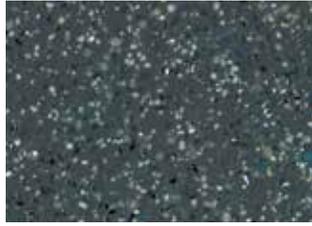
Alto Transfor Meta in Pewter Grey

Altro Transflor Meta™

A lightweight, chip-free bus floor with excellent sustained slip resistance engineered for resilience and top performance, with simplicity and practicality.



Pewter Gray
TFM2289 (2.2 mm)
TFM2789 (2.7 mm)
WR81 / A1M81 / LRV 25



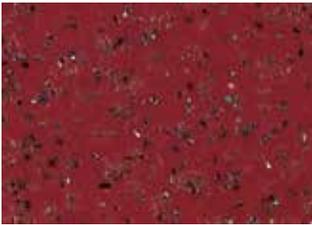
Storm
TFM22903 (2.2 mm)
TFM27903 (2.7 mm)
WR82 / A1M82 / LRV 16



Midnight
TFM22421 (2.2 mm)
TFM27421 (2.7mm)
WR72 / A1M72 / LRV 8



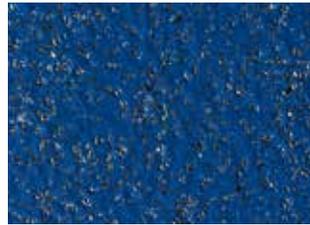
Black
TFM22892 (2.2 mm)
TFM27892 (2.7 mm)
WR100 / A1M100 / LRV 7



Torino
TFM2274 (2.2 mm)
TFM2774 (2.7 mm)
WR248 / A1M238 / LRV 10



Genome
TFM2202 (2.2 mm)
TFM2702 (2.7 mm)
WR83 / A1M83 / LRV 15



Supra
TFM22913 (2.2 mm)
TFM27913 (2.7 mm)
WR102 / A1M200 / LRV 9



Radial
TFM2206 (2.2 mm)
TFM2706 (2.7 mm)
WR39 / A1M73 / LRV 7

Compatible with:



LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod



2.7 mm

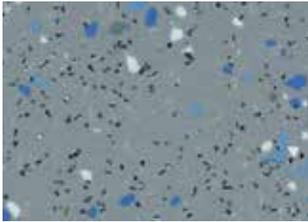


2.2 mm

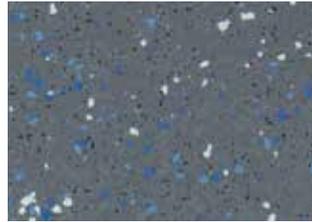


Altro Transflor Chroma™

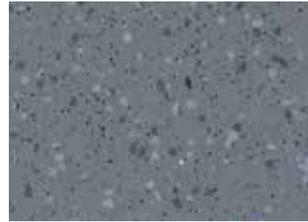
A lightweight, chipped bus floor with excellent sustained slip resistance engineered for resilience and top performance, with simplicity and practicality.



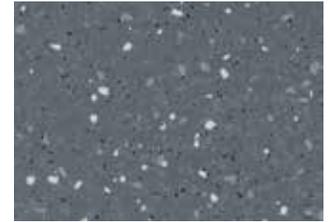
Strada
TFCR2263 (2.2 mm)
TFCR2763 (2.7 mm)
WR81 / A1M81 / LRV 26



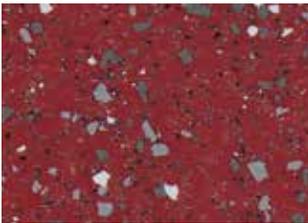
Cayman
TFCR2261 (2.2 mm)
TFCR2761 (2.7 mm)
WR83 / A1M83 / LRV 14



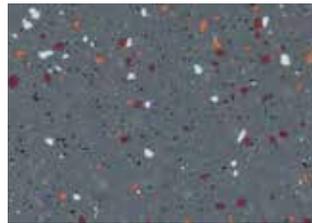
Mineral
TFCR2230 (2.2 mm)
TFCR2730 (2.7 mm)
WR83 / A1M83 / LRV 16



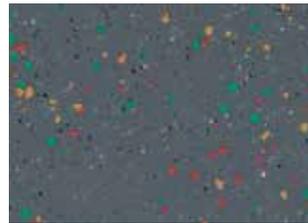
Tuscan
TFCR2278 (2.2 mm)
TFCR2778 (2.7 mm)
WR83 / A1M83 / LRV 14



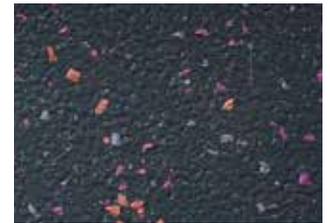
Sprint
TFCR2274 (2.2 mm)
TFCR2774 (2.7 mm)
WR248 / A1M238 / LRV 12



Viper
TFCR2265 (2.2 mm)
TFCR2765 (2.7 mm)
WR83 / A1M83 / LRV 14



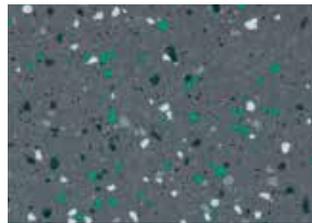
Cyber
TFCR2202 (2.2 mm)
TFCR2702 (2.7 mm)
WR83 / A1M83 / LRV 14



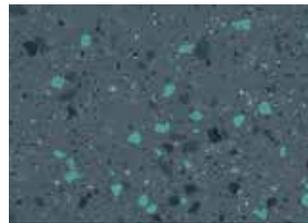
Gene
TFCR2203 (2.2 mm)
TFCR2703 (2.7 mm)
WR72 / A1M72 / LRV 8



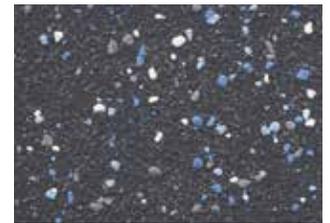
Forester
TFCR22904 (2.2 mm)
TFCR27904 (2.7 mm)
WR474 / LRV 12



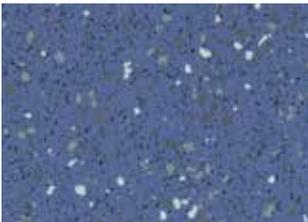
Sigma
TFCR2282 (2.2 mm)
TFCR2782 (2.7 mm)
WR83 / A1M83 / LRV 14



Zeal
TFCR2233 (2.2 mm)
TFCR2733 (2.7 mm)
WR83 / A1M83 / LRV 15



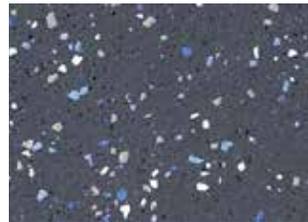
Patriot
TFCR22908 (2.2 mm)
TFCR27908 (2.7 mm)
WR101 / A1M72 / LRV 10



Quattro
TFCR2275 (2.2 mm)
TFCR2775 (2.7 mm)
WR249 / A1M249 / LRV 15



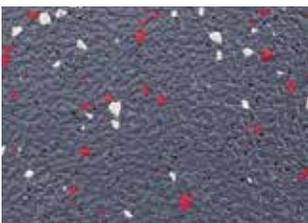
Lancer
TFCR22914 (2.2 mm)
TFCR27914 (2.7 mm)
WR102 / A1M200 / LRV 9



Capri
TFCR2260 (2.2 mm)
TFCR2760 (2.7 mm)
WR231 / A1M73 / LRV 11



Phantom
TFCR2272 (2.2 mm)
TFCR2772 (2.7 mm)
WR100 / A1M100 / LRV 7



Acadia
TFCR22001 (2.2 mm)
TFCR27001 (2.7 mm)
WR83 / A1M83 / LRV 14



Frontier
TFCR22905 (2.2 mm)
TFCR27905 (2.7 mm)
WR62 / A1M62 / LRV 10

Compatible with



2.7 mm



2.2 mm



LRV = Light Reflectance Value AM = Mastic WR = Weldrod



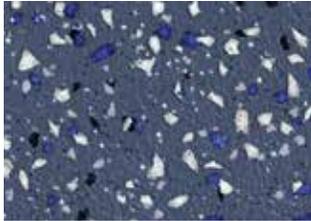
Altro Transflor Chroma in Cayman



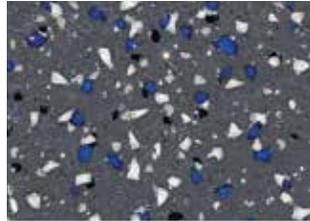
Altra Transfor Chroma Platinum in Camaro

Altro Transflor Chroma™ Platinum

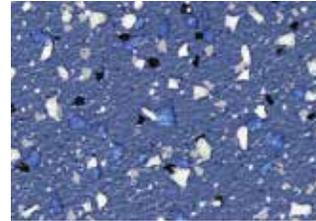
2.7mm lightweight chipped metallic-look safety floor engineered for high performance slip resistance, dependable resilience, easy cleaning and options for streamlining installation.



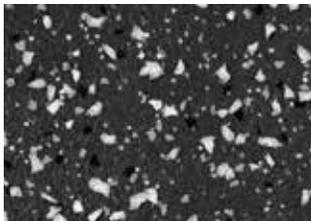
Charger
TFCRP27004 (2.7 mm)
WR231 / A1M73 / LRV 11



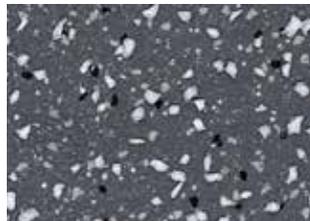
Camaro
TFCRP27011 (2.7 mm)
WR101 / A1M72 / LRV 13



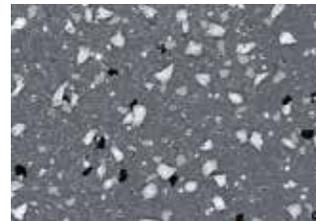
Riviera
TFCRP27003 (2.7 mm)
WR249 / A1M249 / LRV 16



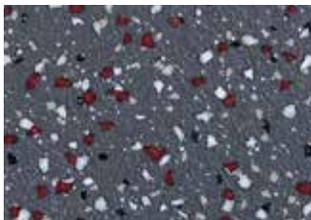
Chevelle
TFCRP27008 (2.7 mm)
WR100 / A1M100 / LRV 7



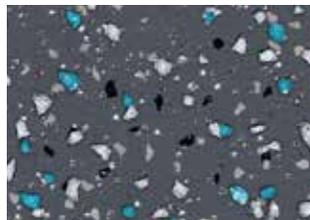
Nova
TFCRP27006 (2.7 mm)
WR101 / A1M72 / LRV 13



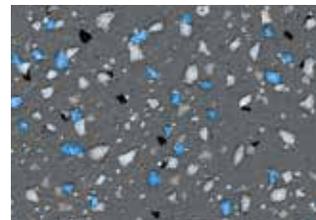
Cutlass
TFCRP27005 (2.7 mm)
WR83 / A1M83 / LRV 15



Corvette
TFCRP27007 (2.7 mm)
WR101 / A1M72 / LRV 13



Delray
TFCRP27009 (2.7 mm)
WR101 / A1M72 / LRV 13



Cobra
TFCRP27002 (2.7 mm)
WR83 / A1M83 / LRV 15

Compatible with:



Chroma Platinum is available in 2.2mm as a special order only with minimum quantity 624 SY.



LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod



2.7 mm



2.2 mm



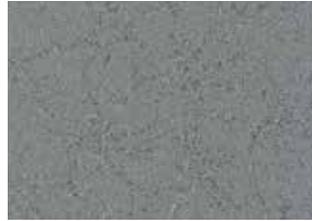
Altro Transflor Figura™

2.7mm lightweight chipped designed-patterned bus floor with excellent sustained slip resistance engineered for resilience and top performance, with simplicity and practicality.

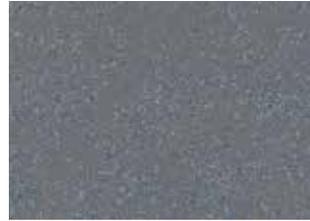
Firework design



Boom | TFFG2701F
WR63 / AM239 / LRV 21



Sparkler | TFFG2702F
WR81 / AM81 / LRV 25



Crackle | TFFG2706F
WR83 / AM83 / LRV 15



Laser | TFFG2703F
WR231 / AM73 / LRV 11



Rocket | TFFG2704F
WR72 / AM72 / LRV 8



Pinwheel | TFFG2705F
WR100 / AM100 / LRV 7



Scaled-down example of pattern

Windmill design



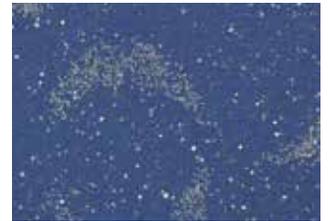
Titan | TFCR27402
WR63 / A1M239 / LRV 21



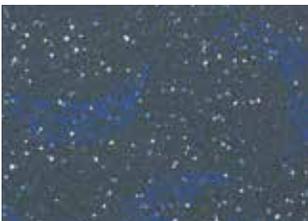
Orion | TFCR27401
WR83 / A1M83 / LRV 14



Eros | TFCR27403
WR100 / A1M100 / LRV 7



Saturn | TFCR27406
WR249 / A1M249 / LRV 15



Pluto | TFCR27404
WR83 / A1M83 / LRV 15



Neptune | TFCR27405
WR231 / A1M73 / LRV 11



Scaled-down example of pattern

Compatible with:



i LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod



2.7 mm



Altro Transfor Figura in Pinwheel



Alto Transfor Artis in Spiced Bamboo

Altro Transflor Artis™

A 2.2mm compact resilient flooring offering sustained slip resistance, and a range of contemporary, natural designs.



Farmhouse Oak
TFWSA2204F
WR338 / LRV 38



Spiced Bamboo
TFWSA2219F
WR342 / LRV 21



Antique Walnut
TFWSA2207F
WR341 / LRV 15



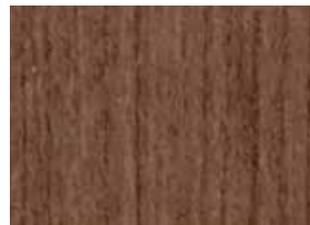
Oak Riche
TFWSA2214F
WR227 / A1M227 / LRV 10



Autumn Maple
TFWSA2205F
WR339 / LRV 24



Tudor Oak
TFWSA2223F
WR471 / LRV 16



Urban Cherry
TFWSA2203F
WR337 / LRV 17



Century Oak
TFWSA2212F
WR346 / A1M62 / LRV 8



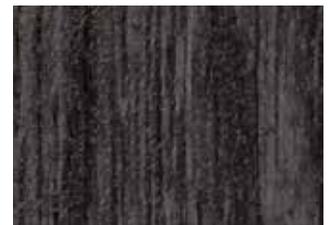
Slate Oak
TFWSA2229F
WR478 / A1M390 / LRV 26



Vintage Cherry
TFWSA2202F
WR336 / A1M239 / LRV 22



Worn Oak
TFWSA2232F
WR322 / A1M239 / LRV 19



Manor Oak
TFWSA2216F
WR348 / A1M348 / LRV 7



Jacobean Oak
TFWSA2222F
WR470 / A1M83 / LRV 11



Iron Bamboo
TFWSA2226F
WR232 / A1M100 / LRV 14

Compatible with:

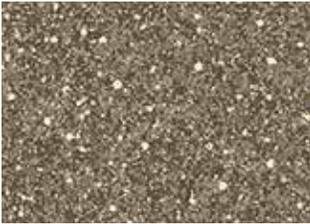


i LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod

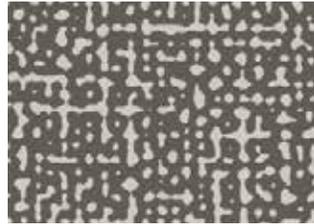


Altro Transflor Artis™

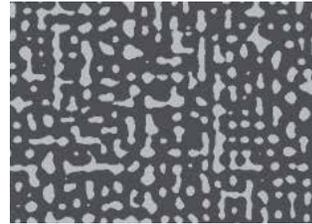
A 2.2mm compact resilient flooring offering sustained slip resistance and a range of contemporary, natural designs.



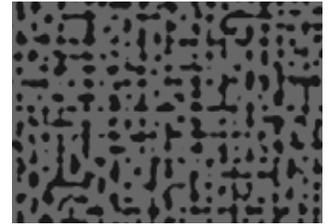
Halite
TFAR22003F
WR418 / A1M239 / LRV 21



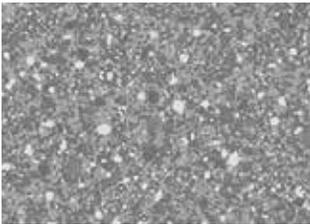
Pinã
TFAR22016F
WR494 / LRV 23



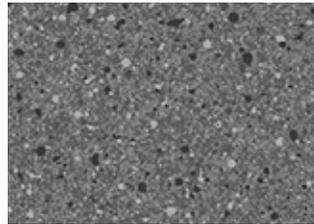
Rayon
TFAR22015F
WR506 / A1M82 / LRV 20



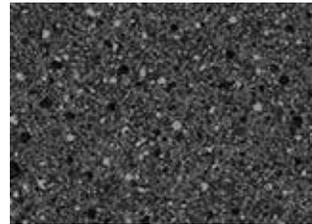
Sisal
TFAR22017F
WR501 / A1M82 / LRV 13



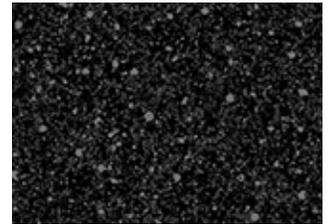
Natrolite
TFAR22014F
WR390 / A1M390 / LRV 30



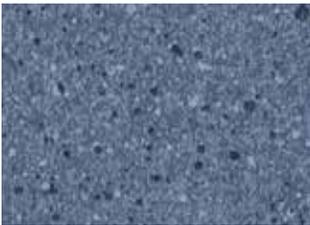
Maras
TFAR22004F
WR391 / A1M82 / LRV 18



Trapani
TFAR22005F
WR314 / A1M82 / LRV 11



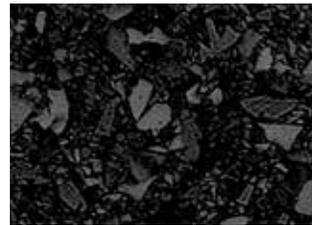
Tavira
TFAR22006F
WR485 / A1M100 / LRV 7



Edonite
TFAR22013F
WR458 / LRV 18



Fleur
TFAR22008F
WR481 / A1M83 / LRV 15



Onyx
TFAR22010F
WR485 / A1M100 / LRV 8

Compatible with:



LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod





Altro Transflor Artis In Plinã



Alto Transfor Metris in Jacobean Oak

Altro Transflor Metris™

A 2.85mm lightweight compact acoustic regulating flooring offering sustained slip resistance and 23db airborne acoustic performance. Supplied in a highly resilient compact-acoustic construction.



Farmhouse Oak
TFME2804
WR338 / LRV 38



Autumn Maple
TFME2805
WR339 / LRV 24



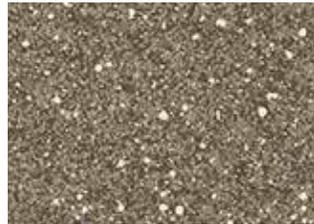
Vintage Cherry
TFME2802
WR336 / A1M239 / LRV 22



Worn Oak
TFME2832
WR322 / A1M239 / LRV 19



Oak Riche
TFME2814
WR227 / A1M227 / LRV 10



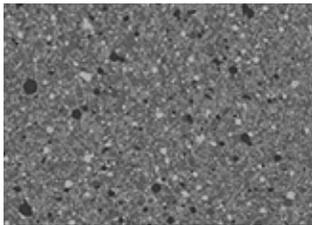
Halite
TFME28003
WR418 / A1M239 / LRV 21



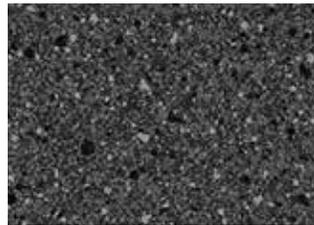
Pinã
TFME28016
WR494 / LRV 23



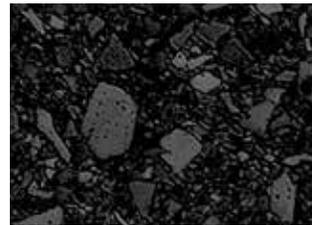
Jacobean Oak
TFME2822
WR470 / A1M83 / LRV 11



Maras
TFME28004
WR391 / A1M82 / LRV 18



Trapani
TFME28005
WR314 / A1M82 / LRV 11



Onyx
TFME28010
WR485 / A1M100 / LRV 8



Manor Oak
TFME2816
WR348 / A1M348 / LRV 7

Compatible with:



i LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod



Altro Transflor Sonis™

A 3.9mm full-acoustic regulating flooring combining optimized acoustic and thermal insulation benefits with sustained, easy to clean slip resistance.



Farmhouse Oak
TFSN3904
WR338 / LRV 38



Vintage Cherry
TFSN3902
WR336 / A1M239 / LRV 22



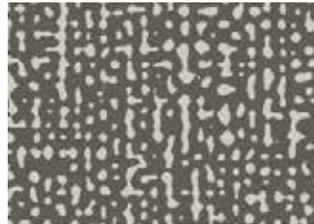
Worn Oak
TFSN3932
WR322 / A1M239 / LRV 19



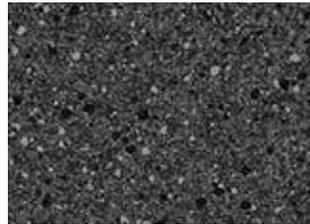
Manor Oak
TFSN3916
WR348 / A1M348 / LRV 7



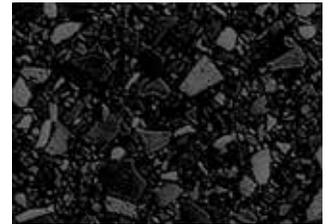
Oak Riche
TFSN3914
WR227 / A1M227 / LRV 10



Pinã
TFSN39016
WR494 / LRV 23



Trapani
TFSN39005
WR314 / A1M82 / LRV 11



Onyx
TFSN39010
WR485 / A1M100 / LRV 8

Compatible with:



LRV = Light Reflectance Value
A1M = Mastic
WR = Weld rod



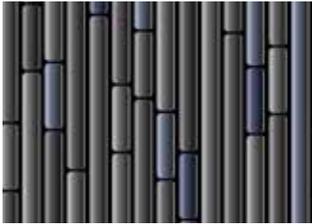


Altro Transfer Sonis in Worn Oak

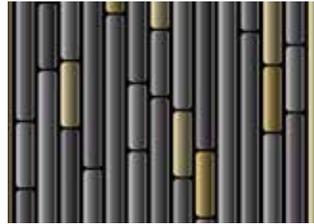


Altro Transflor Metris™ Custom

Lightweight digitally printed flooring for bus and coach with acoustic performance, comfort underfoot and superior print quality.



Glass stripes 1 Design repeat:
DPSMT0107 1.09 x 1.09in



Glass stripes 2 Design repeat:
DPSMT0108 1.09 x 1.09in



Geometric 1 Design repeat:
DPSMT0109 .49 x .49in



Geometric 2 Design repeat:
DPSMT0110 .49 x .49in



Arrow 1 (small) Design repeat:
DPSMT0101 1.96 x 2.66in



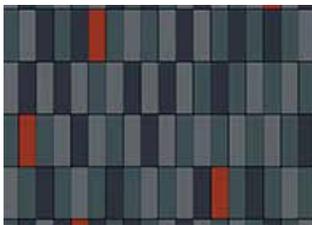
Arrow 2 (small) Design repeat:
DPSMT0102 1.96 x 2.66in



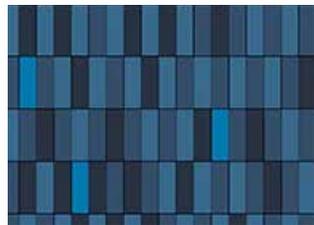
Arrow 3 (large) Design repeat:
DPSMT0103 4.92 x 6.6in



Arrow 3 (large) Design repeat:
DPSMT0104 4.92 x 6.6in



Rectangle flash 1 Design repeat:
DPSMT0111 9.86 x 13.14in



Rectangle flash 2 Design repeat:
DPSMT0112 9.86 x 13.14in



Chrome transition Design repeat:
DPSMT0013 74.8 x 39.37in



Sand 1 Design repeat:
DPSMT0052 78.74 x 26.24in



Pebbles 1 Design repeat:
DPSMT0067 78.74 x 39.37in



Grass 1 Design repeat:
DPSMT0059 78.74 x 39.37in



Water 2 Design repeat:
DPSMT0072 78.74 x 39.37in



Cobbles 1 Design repeat:
DPSMT0054 78.74 x 39.37in



Paving 2 Design repeat:
DPSMT0056 78.74 x 39.37in



Check plate 1 Design repeat:
DPSMT0105 1.57 x 1.57in



Checker plate 2 Design repeat:
DPSMT0106 1.57 x 1.57in

All swatches shown appear at 25% of actual size.

Compatible with:



Technical table

		Altro Transflor Meta 2.2 mm - 2.7 mm	Altro Transflor Chroma, Chroma Platinum 2.2 mm - 2.7 mm
Flooring type	ASTM F1303 EN 13845 EN ISO 11638	Type I Safety flooring -	Type I Safety flooring -
Fire performance	ECE-R118 BS 476 pt 7 FMVSS 302 / CMVSS 302 ASTM E648	Pass Pass Pass Class 1	Pass Pass Pass Class 1
Slip resistance	PTV ASTM D2047 EN 16165 Annex B	≥ 36 ≥ 0.6 R10	≥ 36 ≥ 0.6 R10
Thickness	EN ISO 24346	2.2 mm / 0.088" 2.7 mm / 0.108"	2.2 mm / 0.088" 2.7 mm / 0.108"
Wear layer thickness	EN ISO 24340	1.2 mm / 0.047" 1.4 mm / 0.055"	1.2 mm / 0.047" 1.4 mm / 0.055"
Flexibility	EN ISO 24344	Pass	Pass
Weight	EN ISO 23997	4.05lb/sy / 2.2 kg/m2 ±10% 4.98lb/sy / 2.7 kg/m2 ±10%	4.05lb/sy / 2.2 kg/m2 ±10% 4.98lb/sy / 2.7 kg/m2 ±10%
Roll dimensions	EN ISO 24341	2 m x 20 m - 40 m2 6'7" x 65'7"	2 m x 20 m - 40 m2 6'7" x 65'7"
Light fastness	EN ISO 105-B02	≥ 6	≥ 6
Wear resistance	EN 660-2 EN 13845	- ≤ 10% particles lost over 50,000 cycles	- ≤ 10% particles lost over 50,000 cycles
Residual indentation	EN ISO 24343-1 ASTM F970	≤ 0.10 mm	≤ 0.10 mm
Dimensional stability	EN ISO 23999	≤ 0.4 %	≤ 0.4 %
Thermal conductivity	EN 12667	0.131 W/mK	0.108 W/mK
Chemical resistance	EN ISO 26987	Good	Good
Castor chair abrasion	EN 425 ISO 4918	Pass -	Pass -
Electrical behaviours	EN 1815	≤ 2kV antistatic	≤ 2kV antistatic
Sound insulation	ISO 140-8	5dB	5dB
Impact sound insulation	EN ISO 10140-3	-	-
Airborne sound insulation	EN ISO 10140-2	-	-

Altro Transflor Figura 2.7 mm	Altro Transflor Artis 2.2 mm	Altro Transflor Metris 2.85 mm	Altro Transflor Sonis 3.9 mm
Type I	Type I / Grade 1 / Class A	Type I / Grade 1 / Class C	Type I / Grade 1 / Class C
Safety flooring	-	-	-
-	Heterogeneous floor	Heterogeneous floor	Heterogeneous floor
Pass	Pass	Pass	Pass
Pass	Pass	Pass	Pass
Pass	Pass	Pass	Pass
Class 1	-	-	-
≥ 36	≥ 36	≥ 36	≥ 36
≥ 0.6	≥ 0.6	≥ 0.6	≥ 0.6
R10	R10	R10	R10
2.7 mm / 0.108"	2.2 mm / 0.088"	2.85 mm / 0.11"	3.9 mm / 0.15"
1.4 mm / 0.055"	0.7 mm / 0.027"	0.7 mm / 0.027"	0.7 mm / 0.027"
Pass	Pass	Pass	Pass
4.98lb/sy / 2.7 kg/m ² ±10%	2.68 kg/m ² / 4.93lb/sy	2.60 kg/m ² / 4.79 lb/sy	2.9 kg/m ² / 5.34 lb/sy
2 m x 20 m - 40 m ² 6'7" x 65'7"	2 m x 20 m - 40 m ² 6'7" x 65'5"	2 m x 20 m - 40 m ² 6'7" x 65'5"	2 m x 20 m - 40 m ² 6'7" x 65'5"
≥ 6	≥ 6	≥ 6	≥ 6
-	Group T	Group T	Group T
≤ 10% particles lost over 50,000 cycles	-	-	-
≤ 0.10 mm	≤ 0.10 mm	≤ 0.20 mm	≤ 0.20 mm
≤ 0.4 %	≤ 0.4 %	≤ 0.4 %	≤ 0.4 %
0.076 W/mK	0.131 W/mK	0.108 W/mK	0.076 W/mK
Good	Good	Good	Good
Pass	-	-	-
-	Yes, Type W	Yes, Type W	Yes, Type W
≤ 2kV antistatic	≤ 2kV antistatic	≤ 2kV antistatic	≤ 2kV antistatic
5dB	-	-	-
-	ca. 4 dB	ca. 15 dB	ca. 19 dB
-	ca. 23 dB	ca. 23 dB	ca. 24 dB

Accessories, tools, and maintenance products

Altro can supply a wide range of accessories to ensure a complete engineered system for your transportation flooring project. We have a full range of trims and finishing details, stair nosings, adhesives, color matched sealants, weldrods, maintenance supplies and all of the tools you need to ensure a professional installation.



Tools

- 1 Leister® heat welder / AST HWGST
- 2 Concave blades / AST BC
- 3 Hooked blades / AST BH
- 4 Straight blades / AST BS
- 5 Grooving handle / AST GSPEED
- 6 Grooving blades / AST GBU
- 7 Grooving tool handle / AST GH
- 8 Grooving tool blade / AST GBS
- 9 Trimming knife straight handle / AST TKSH
- 10 Trim plate / AST TP
- 11 X-Acto® handle / AST XH
- 12 X-Acto® blades / AST XARP
- 13 4 mm welding tip / AST HWT4MM
- 14 Welding tip for HB / AST HWTHB
- 15 2" seam roller / AST RSH
- 16 3 section roller / AST R3
- 17 Trowel handle / AST TH
- 18 Trowel blade / AST TBFFA



Flooring accessories

- 1 Watch your step tread and riser / ASF STEPKIT
- 2 Weldrod HB type / ASF WR###HB
- 3 Altromastic sealant / ASF AM###
- 4 Aluminum nosing w/insert / ASF T36T w/yellow
- 5 Vinyl stepedge white / ASF STEPEDGEW9
- 6 Vinyl stepedge yellow / ASF STEPEDGEY9
- 7 Trim black / ASF TRIMEDGEB
- 8 Trim gray / ASF TRIMEDGEG
- 9 Covestick .75" x 79" / ASF CF20R
- 10 Aluminum nosing w/insert / ASF T36T w/white
- 11 Covestick 1.50" x 79" / ASF CF38R
- 12 Weldrod / AST WR###
- 13 ADA logo / ASF WCL12x12



Cleaning accessories

- 1 Maintenance guide / TFL MAINTLAM
- 2 AltoClean™ 44, 5 liters / ASF 44CLEANER
- 3 AltoClean™ 44, 1 liter / ASF 44CLEANER1.0
- 4 Microfiber mop head / OTH MOPMF
- 5 Deck brush / OTH SWIVEL

i Proper care and maintenance of Altro safety flooring is critical for transportation applications. Not only will it keep your vehicle looking great, it will last longer and provide premium slip resistance. Altro recommends following our detailed care plan as well as using specified cleaning products.



Adhesive accessories

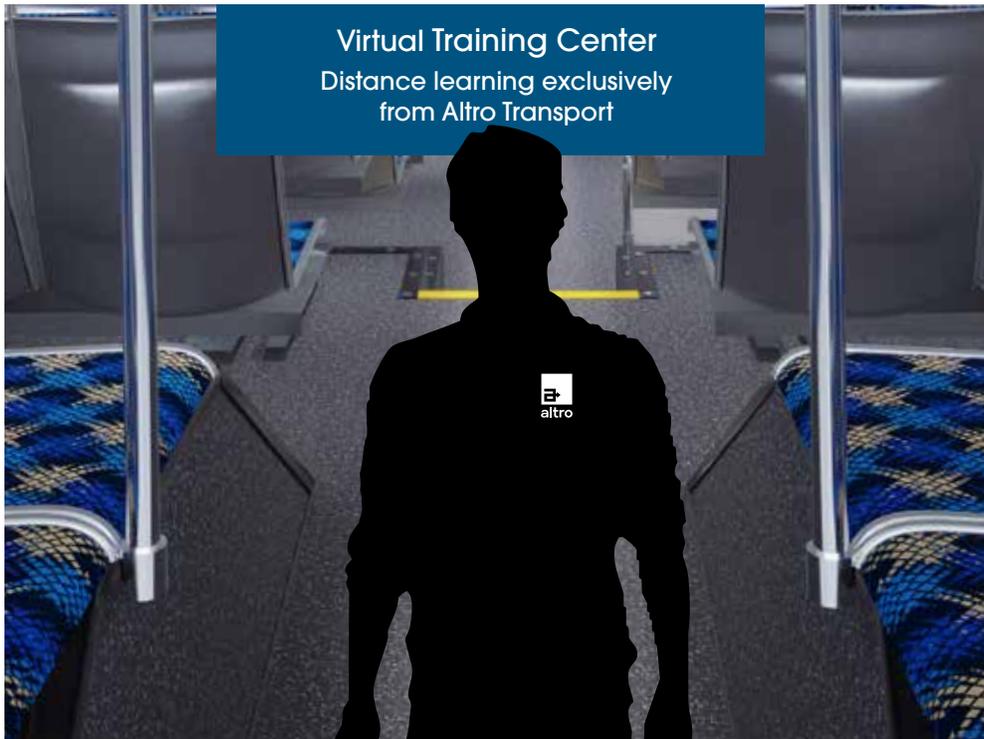
- 1 Altro Ecofix+™, 1 gallon / ADH ECP1.0
- 2 Altro Ecofix™ 25E, 2 gallon / ADH EC25E2.0
- 3 Contact adhesive / ADH 81651.0
- 4 Altrofix™ 30 polyurethane adhesive / ADH AL301.0
- 5 Trowel handle / AST TH
- 6 Trowel blade / AST TBFFA

Samples

If color choice is critical, please request a sample of the material.

📞 800.382.0333

✉️ samples@altro.com



- Personal, live, fully-interactive instruction tailored to your specific needs
- No cost
- Quick appointments and booking times
- Available exclusively to Altro customers
- Call today to schedule an appointment 800.382.0333 x3530

Altro USA - Transport Division 12648 Clark Street, Santa Fe Springs, CA 90670

USA 800.382.0333 CANADA 800.565.4658

✉️ transport@altro.com

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