



Designed for possibilities.  
Made for people.



## NEW PRODUCT

# Altro Transflor Metris

Typical applications:

**Executive sedans, coach, shuttle, trolley, specialty vehicles, mobility vehicles, people movers.**

The transition to zero emission buses has created new challenges for vehicle interiors. Optimizing vehicle range in line with the use of on-board systems such as air conditioning and heating have led the consideration to insulation to be as important as that of weight in the pursuit of operational efficiency. Altro Transflor Metris offers the best of both worlds in this respect by offering acoustic and thermal insulative benefits without the need to on-board excess weight. Available in a choice of designs and protected by ShieldGrip technology to ensure ease of cleaning and sustained slip resistance, Altro Transflor Metris is a perfect fit for buses wherever they operate.

lightweight safety flooring for the transit industry

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

Altro reserves the right to change any information. Please consult [altro.com](http://altro.com) or your local Sales Representative for the latest product range information.

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Farmhouse Oak  
TFME2804 (2.8mm)  
WR338 / LRV 38



Autumn Maple  
TFME2805 (2.8mm)  
WR339 / LRV 24



Oak Riche  
TFME2814 (2.8mm)  
WR227 / A1M227 / LRV 10



Vintage Cherry  
TFME2802 (2.8mm)  
WR336 / A1M239 / LRV 22



Worn Oak  
TFME2832 (2.8mm)  
WR332 / A1M239 / LRV 19



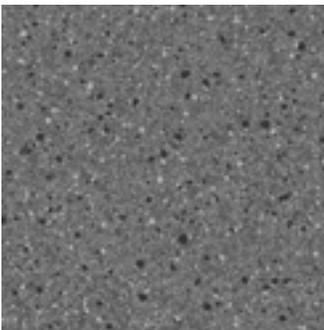
Jacobean Oak  
TFWME2822 (2.8mm)  
WR470 / A1M83 / LRV 11



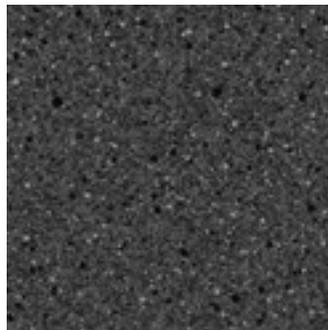
Manor Oak  
TFME2816 (2.8mm)  
WR348 / A1M348 / LRV 7



Halite  
TFME28003 (2.8 mm)  
WR418 / A1M239 / LRV 21



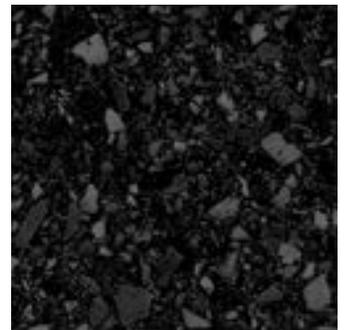
Maras  
TFME28004 (2.8 mm)  
WR391 / A1M82 / LRV 18



Trapini  
TFME28005 (2.8mm)  
WR314 / A1M82 / LRV 11



Pina  
TFME28016 (2.8mm)  
WR494 / LRV 23



Onyx  
TFME28010 (2.8mm)  
WR485 / A1M485 / LRV 8

Learn more > [altro.com/metris](https://altro.com/metris)

Dimensions	6'7" x 65'7" / 2 m x 20 m
Thickness	2.85 mm
Weight	4.79 lb/sy
Format	ROLL, PRE-CUT, SELF ADHESIVE

**i** LRV = Light Reflectance Value  
AM = Mastic  
WR = Weld rod

**i** Color matched Weldrods (WR) and Mastics (AM) are available. You'll find their product codes under product SKUs.

**i** All products available in roll and kit format. Custom colors are also available.

**Samples**  
Experience has shown that printing cannot reproduce colors accurately. If color choice is critical please request a sample of the material.



## Typical applications / Zonas de instalación recomendadas

Autonomous vehicle. City bus. Coach. Light commuter buses. Public service vehicles. Shuttle buses.

Vehículo autónomo. Autobus urbano. Autocares. Vehículos de servicio público. Autobuses lanzadera.

## Technical information / Información técnica

	Flooring type	Tipo de pavimento	EN ISO 11638 ASTM F1303	<b>Altro Transflor Metris</b> Heterogeneous floor / Suelo heterogéneo <b>Altro Transflor Metris</b> Type I / Grade 1 / Class A
	Fire performance	Reacción al fuego	ECE R-118 FMVSS 302 / CMVSS 302	Pass / Bestanden / Conforme
	Slip resistance	Resistencia al deslizamiento	EN 13893 PTV ASTM D2047 EN 16165 Annex B / ASR A1.5	DS ≥ 36 ≥ 0.6 R10
	Impact sound insulation	Aislamiento acústico de impactos	EN ISO 10140-3	ca. 15 dB
	Airborne sound insulation	Aislamiento acústico aéreo	EN ISO 10140-2	ca. 23 dB
	Thickness	Espesor total	EN ISO 24346	2.85mm / 0.11"
	Wear layer thickness	Capa de uso	EN ISO 24340	0.7 mm / 0.027"
	Flexibility	Flexibilidad	EN ISO 24344 ASTM F1303	Pass / Conforme
	Thermal conductivity	Conductividad térmica	EN 12667	0.108 W/mK
	Dimensional stability	Estabilidad dimensional	EN ISO 23999	≤ 0.4%
	Weight	Peso	EN ISO 23997	2.6 kg/m <sup>2</sup> / 4.79 lb/sy
	Roll dimensions	Dimensiones del rollo	EN ISO 24341	2 m x 20 m = 40 m <sup>2</sup> 6'7" x 65'5"
	Light fastness	Resistencia a la luz	EN ISO 105-B02	≥ 6
	Wear resistance	Abrasión	EN 660-2	Group T / Grupo T
	Residual indentation	Punzonamiento	EN ISO 24343-1 ASTM F970	≤ 0.20 mm
	Chemical resistance	Resistencia a los productos químicos	EN ISO 26987	Good / Buena
	Castor chair abrasion	Huellas de sillas de ruedas	ISO 4918	Yes, type W / Si, tipo W
	Electrical behaviours	Características electroestáticas	EN 1815	≤ 2 kV, antistatic / ≤ 2 kV, antiestáticas



Altro Limited a company certified by SGS to ISO 9001 and ISO 14001.



## Sustainability / Sostenibilidad



## Installation and maintenance / Verlegung und Pflege / Instalación y mantenimiento

Please refer to Altro installation and maintenance instructions. Failure to follow these instructions can affect product performance and may affect or invalidate Altro's product guarantee. Technical information on installation and maintenance (including cleaning and staining) can be found at [www.altro.com](http://www.altro.com)

Consulte las instrucciones de instalación y mantenimiento de Altro. El incumplimiento de estas instrucciones puede afectar al rendimiento del producto y puede afectar o invalidar la garantía del producto de Altro. Encontrará información técnica sobre la instalación y el mantenimiento (incluida la limpieza periódica y específica) en [www.altro.com](http://www.altro.com)

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