



Light weight flooring assembly
EN 45545-2, R10: HL2

Traveller Discovery

Wood-printed flooring
for rail vehicle interiors

Gerflor[®]

Traveller Discovery

Designed to elevate the interiors of rail vehicles

Traveller Discovery is setting a new benchmark in the rail industry, offering a unique blend of elegance and functionality. It represents the future of rolling stock flooring, featuring unique wood-printed designs inspired by the beauty and diversity of nature. These designs draw from the rich textures and patterns found in forests and natural landscapes.



Excellence in every step

Passenger security



High fire safety
• EN 45545-2, R10: HL2.



High slip resistance
• R10 according to EN 16165
• Facilitates safer movement within the vehicle.

Light weight



Reducing total mass of the vehicle
• Improved energy efficiency and performance.

Flexibility



Highly pliable
• Easier installation on both horizontal and vertical surfaces.

Durability



Designed for high traffic conditions in rail passenger cars.

Maintenance



Protocolsol® surface treatment
• Easy to clean.
• Scratch-resistant.

Bonding Performance



• Compliant with main OEM's & Operators standards.
• Non-woven textile backing to improve the adhesion performance.



Traveller Discovery

Printed Wood Design

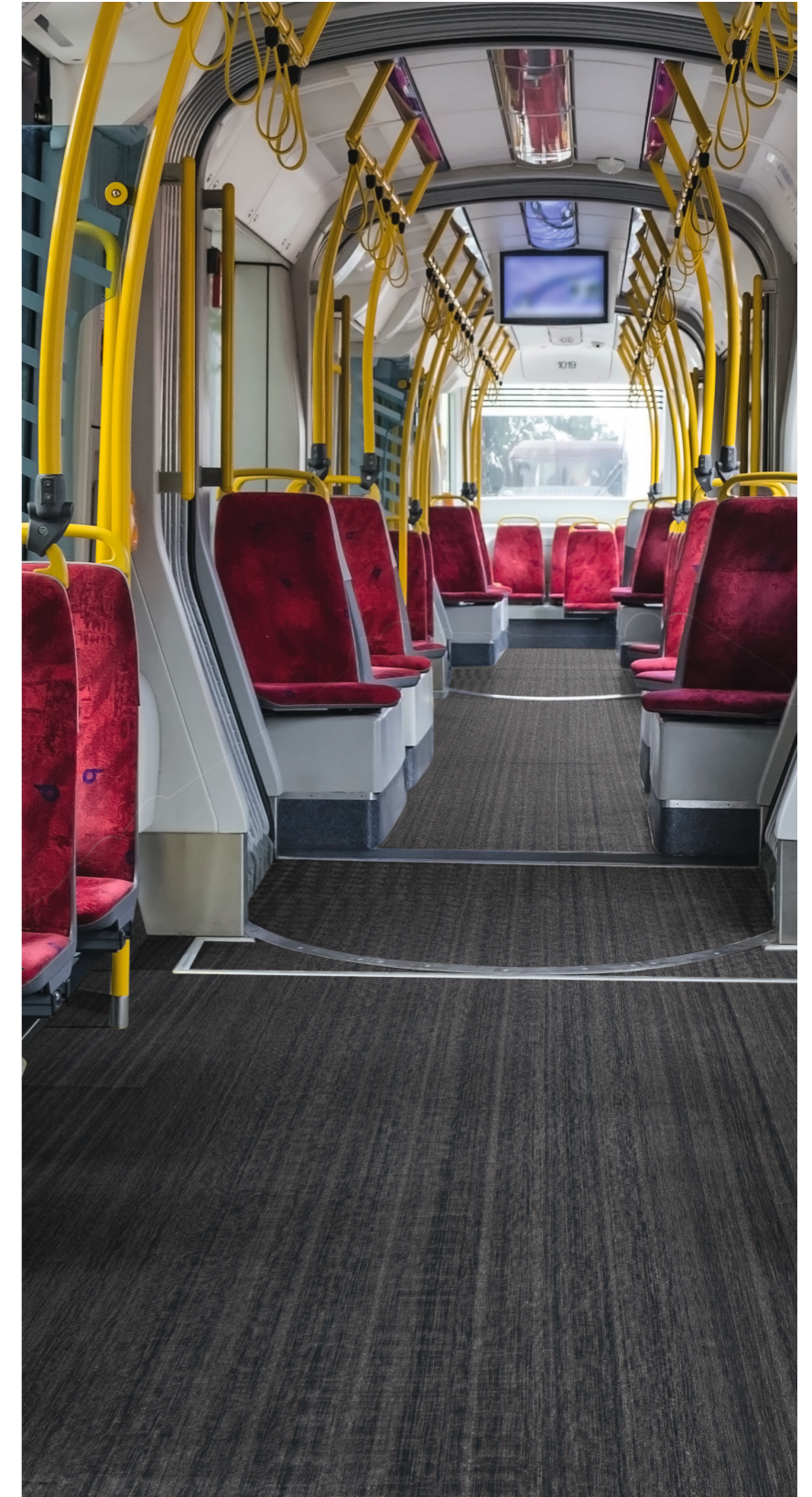


8691 Lancaster Walnut

Unique & elegant aesthetic



2703 Tokat Plum Tree



Traveller Discovery

Inspired by the outdoors



7002 Manaus Zebrano

Contemporary styles



8077 Salah Boswellia



Traveller Discovery

Designed for elegance in motion

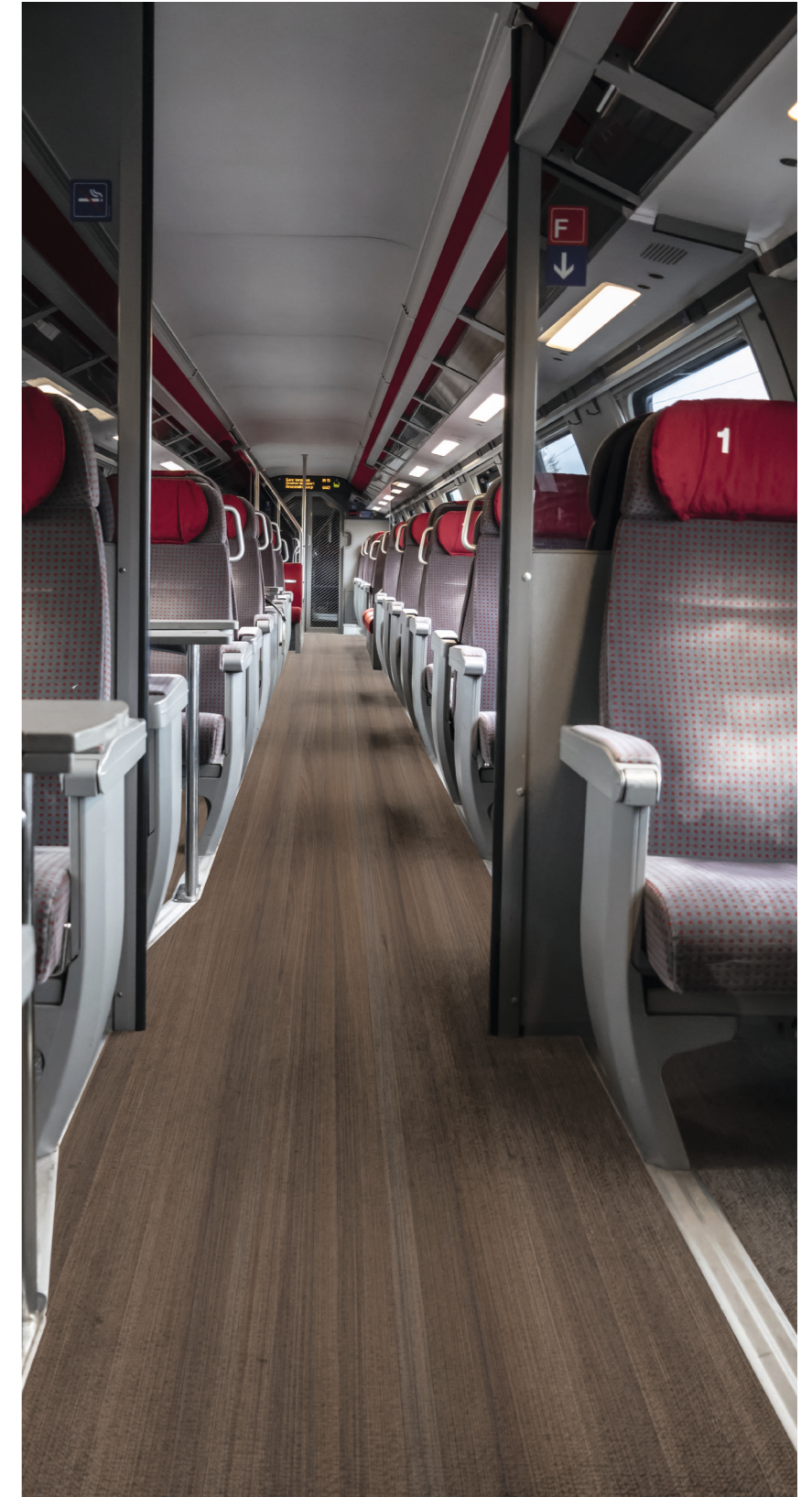


9155 Burgundy Oak

Cutting edge styles



7001 Wellington Pear



Technical solutions



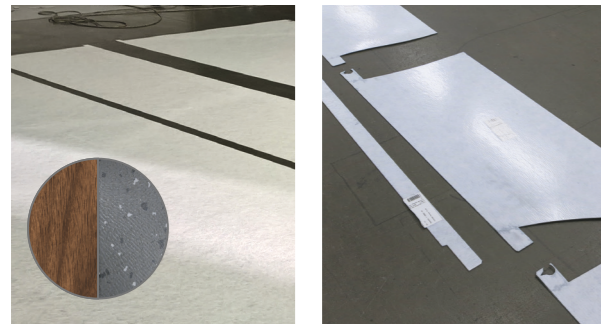
Self-Adhesive

Sustainable bonding solution

- Cut VOC emissions
- Eliminate all fumes and odours associated with traditional adhesives
- Reduce weight compared to traditional adhesives
- Improve the working conditions of the floor fitters.

Enhances installation process

Speed up overall vehicle assembly: easy to install, ready to bond and to be walked on.



Kit System

Cut to size / pre-welded shipset

- No installation wastage
- Reduce installation time
- Easy to use
- Precise cutting dimensions

Back Welding

Aesthetics

The welded seam is no longer visible

Easy to clean

No trap for dirt

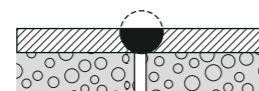
Durability

The welded seam is no longer exposed to foot traffic

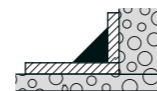


Hot Welding process

- Watertight system
 - complete fusion of material with hot welding process
- User friendly
 - No curing time
 - Operational immediately after welding
- Aesthetics
 - color matched welding rods
 - easy to clean
 - no trap for dirt



CR 40
ø 4 mm - 0.157"



CA 72
7,2 mm - 0.283"
3,9 mm - 0.153"



Traveller Logo

Logo tiles solutions for signages

A safe & durable solution:

- Watertight system with Laminate backing
- Anti-skid
- Long lasting
- Also available with Self-adhesive option

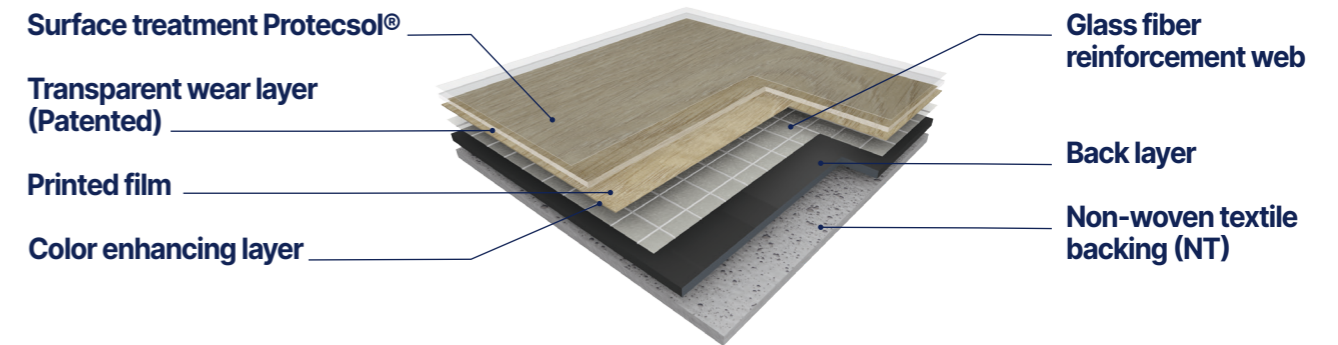
Gerseal 11 Sealant

Only recommended for edges & preimeters

- Waterproof cold sealing
- High adhesion to Traveller Discovery floorings
- Easy to apply and finish



Technical data



			Traveller Discovery
Description			
Total Thickness	ISO 24 346	mm	2.50 ± 0.15
Weight	ISO 23 997	kg/sqm	2.94 ± 0.15
Roll width	ISO 24 341	cm	150
Roll length	ISO 24 341	ml	12-24
Technical Information			
Dimensional stability	ISO 23 999	%	≤ 0.3
Slip Resistance	EN 16165 - ANNEX B	class	R10
Abrasion resistance	ISO 4649 Method B	mg	≤ 250
Indentation	ISO 24 343-1	mm	Mean value ≤ 0,15 mm average ~ 0,10 mm
Low temperature resistance	D 42 1235 A	C°	-20
Impact test			
Phonic insulation	ISO 717-2	dB	5
Colour Fastness	ISO 105-B02	-	> 6 VS Grey Scale N°4
Fire resistance	EN 45545-2	-	HL2 (R10)
Flexibility	EN ISO 24 344 Procedure A		ø 8 mm - no cracks
Chemical resistance	ISO 26987: 2012	-	Unaffected by diluted acids and bases, by domestic products excluding solvents for plasticized PVC
Indoor air quality TVOC after 28 day	ISO 16 000 - 6	µg/m³	< 1000

Products	CR 40 code	CA72	Gerseal 11
2703 Tokat Plum Tree	05852567	H0070519	918H2703
8691 Lancaster Walnut	05852302	H0072325	918J8028
7002 Manaus Zebrano	05852337	H0072337	918H2337
8077 Salah Boswellia	05852320	H0072568	918H8077
7001 Wellington Pear	05852486	H0070462	918J8028
9155 Burgundy Oak	05852662	H0072662	918H9155

Traveller Discovery

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we care / we act

our commitments for 2030


climate
-30% CO₂
scopes 1, 2, 3
in tons eq. CO₂, vs 2019
Science Based Targets⁽¹⁾


circularity
65 000 tons
of waste treated⁽²⁾

Traveller Sustainable Solution


lightweight floorings
greater for fuel
& energy efficiency


self-adhesive solutions
cutting VOC emissions
& eliminating fumes
& odours of traditional
adhesives


pre-cut services
saving waste
& installation time



More details: 1. Scopes 1, 2 & 3, in absolute value, market-based. Trajectory approved by SBTi (Science Based Targets Initiative). 2. Recycled in our factories and recycling units. Compared to 59 040 tons in 2024.