Tessera FR tufted carpets are renowned for their aesthetic styling and outstanding performance, even in the most demanding of heavy traffic environments. Tessera FR collection includes contemporary and classic styles to enhance a wide variety of rail vehicle interiors.

Tessera FR is a collection of attractive, hardwearing carpets, offered in various pile constructions and textures, all designed to deliver specific aesthetic and performance benefits. The installation of carpet in a rail vehicle adds significant warmth, comfort and acoustic benefits.

- Durability and appearance retention, made from 100% nylon
- Flexibility for colourisation
- Slip resistance
- Reaction to fire EN 45545-2 : HL2
- Cut to size/shape option
- Available with Pro-Fit backing for quicker installation

Please ensure that ‘FR’ is clearly noted on all orders.

Tessera Nexus FR
Sophisticated and cleverly textured to complement the most contemporary interior design

Tessera alignment FR
An understated linear design, combining rich texture and visual appeal

Tessera helix FR
Merging a metallic web overlay with a sophisticated striated ground, Tessera Nexus creates a network of connections
**Tessera Alignment FR**

Sophisticated and cleverly textured to complement the most contemporary rail interior design. Tessera Alignment FR is available in 24 colours.

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**Description**
Tufted multi-height cut and loop pile carpet

**Dimensions**
- EN-ISO 24341 Roll width 185cm
- Roll length ≤ 27.5m

**Total thickness**
- ISO 1765 6.0mm ± 10%

**Pile weight**
- ISO 8543 730g/m²

**Yarn**
- 100% polyamide

**Collection size**
- 24

**Area of use**
- Heavy Use

**Impact noise reduction**
- EN-ISO 717-2 ΔLw = 25 dB

**Tested flammability standard**
- EN 45545-2 HL2*

**Slip resistance**
- EN 13893 µ ≥ 0.30

**Body voltage**
- ISO 6356 < 2 kV

*EN45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

**Please note:** Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing: transport@forbo.com

Full technical specifications are available on page 71.
An understated linear design, combining rich texture and visual appeal. Tessera Helix FR is available in 13 colours.

**Description**
Tufted multi-height loop pile carpet

**Dimensions**
- EN-ISO 24341 Roll width 185cm
- Roll length ≤ 27.5m

**Total thickness**
ISO 1765 6.0mm ± 10%

**Pile weight**
ISO 8543 740g/m²

**Yarn**
100% polyamide

**Collection size**
13

**Area of use**
Heavy Use

**Impact noise reduction**
EN-ISO 717-2 ΔLw = 26 dB

**Tested flammability standard**
EN 45545-2 HL2*

**Slip resistance**
EN 13893 µ ≥ 0.30

**Body voltage**
ISO 6356 < 2 kV

*EN 45545-2 testing has been carried out on various different substrates. This is the highest achieved result. Please ask for a full overview of specific results on different substrates by emailing transport@forbo.com

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing transport@forbo.com.

Full technical specifications are available on page 71.
Merging a metallic web overlay with a sophisticated striated ground, Tessera Nexus FR creates a network of connections in 9 contemporary colourways.

**Tessera Nexus FR**

Description: Tufted multi-height loop pile carpet

Dimensions: EN-ISO 24341 Roll width 185cm

Total thickness: ISO 1765 5.4mm ± 10%

Pile weight: ISO 8543 515g/m²

Yarn: 100% Invista Antron® Lumena polyamide 6.6

Collection size: 9

Area of use: Heavy Use

Impact noise reduction: EN ISO 717-2 ΔLw = 25 dB

Flammability: EN 45545-2 HL2*

Slip resistance: EN 13893 µ ≥ 0.30

Body voltage: ISO 6356 < 2 kV

*EN45545-2 testing has been conducted on various different substrates. This is the highest achieved result. Please see a full overview of specific results on different substrates by emailing transport@forbo.com.

Please note: Digital representations may vary from actual product. Please order a physical sample to see the full effect by emailing transport@forbo.com.

Full technical specifications are available on page 71.
Pro-Fit is an adhesive free installation system, improving efficiencies in time, cost and operation throughout the life of the vehicle. It comprises an integral velour backing to the floor covering and a special fire retardant hook tape adhered to the sub-floor.

The Pro-Fit system is available for use with:

- Coral FR entrance systems
  (Classic FR/Brush FR/Welcome FR)
- Coral Move FR/Coral Move Vision FR broadloom carpet
- Tessera FR broadloom carpet
  (Nexus FR/Helix FR/Alignment FR)

Customers who use this system experience far shorter first installation times (normal adhesive installations require 24 hours drying time). For renewals the advantages are even greater as it is simply ‘pull up the old and drop down the new floor covering’ that is required. No glue removal, no difficult sanding, no drying time.

These advantages over traditional fully bonded adhesive systems mean cost savings for train operators as a result of:

- Quicker and easier installation and replacement
- No need to wait for the adhesive to dry
- No waiting time before the carpet can be walked on
- Immediate use of the train after installation

Please ensure that ‘FR Pro-Fit’ is clearly noted on all orders.

For example ‘Tessera Alignment 219 FR Pro-Fit’. The Pro-Fit velour backing cannot be added to latex backed material after production.

Detailed Pro-Fit installation instructions are available on our website at: www.forbo-flooring.com/transport