



**Rolling stock**  
**Stoc gluasadach**

## Rolling stock

### Stoc gluasadach

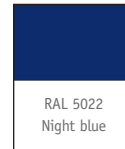
Exterior | Introduction  
Taobh a-muigh | Ro-ràdh

The design of the rolling stock makes the most of the visual elements from the ScotRail identity to achieve a look that not only symbolises a modern Scotland but is also functional.

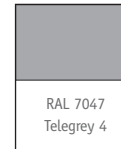
The distinctive generic design brings together the graphic components in a way that creates a sense of movement and animation. Simple, yet effective, the arrow device conveys direction and movement. Then, when the units of the train are linked together, it creates Scotland's iconic Saltire.

#### RAL Colour palette – Rolling stock

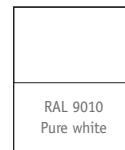
##### ScotRail blue



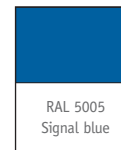
##### Telegrey 4



##### Pure white



##### Signal blue

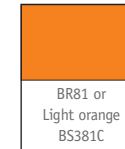


#### Safety Colour palette – Rolling stock

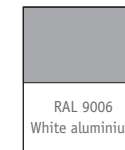
##### Warning yellow



##### Warning orange



##### White aluminium



**Please note** – RAL Classic Edition 2006 and RAL D2 Design 2007 were used to choose colours.

These guidelines do not set out to provide detailed livery applications for all current (and future) train classes. Instead, they feature key principles which should be adhered to when branding rolling stock within the ScotRail fleet – whether painting and applying decals, or using a vinyl wrap.

Regardless of the process, only the assets supplied on the CD with these guidelines should be used to create the graphic elements. When applying the general principles to each unique train type, it is important to consider the position and alignment of each graphic element.

In the first instance, the visual assets and a copy of these guidelines should be supplied to the contractor appointed to implement the livery. Contractors should provide a detailed drawing of the vehicles for approval, prior to starting any work.

### Colours

The overall colour is ScotRail blue. The arrow/saltire detailing and the brand identity are produced in Pure white. The intermediate body ends are painted in Telegrey and the front of the driver caps are painted yellow. For accessibility reasons, doors are silver to make them stand out against the blue carriage.

### Coverage

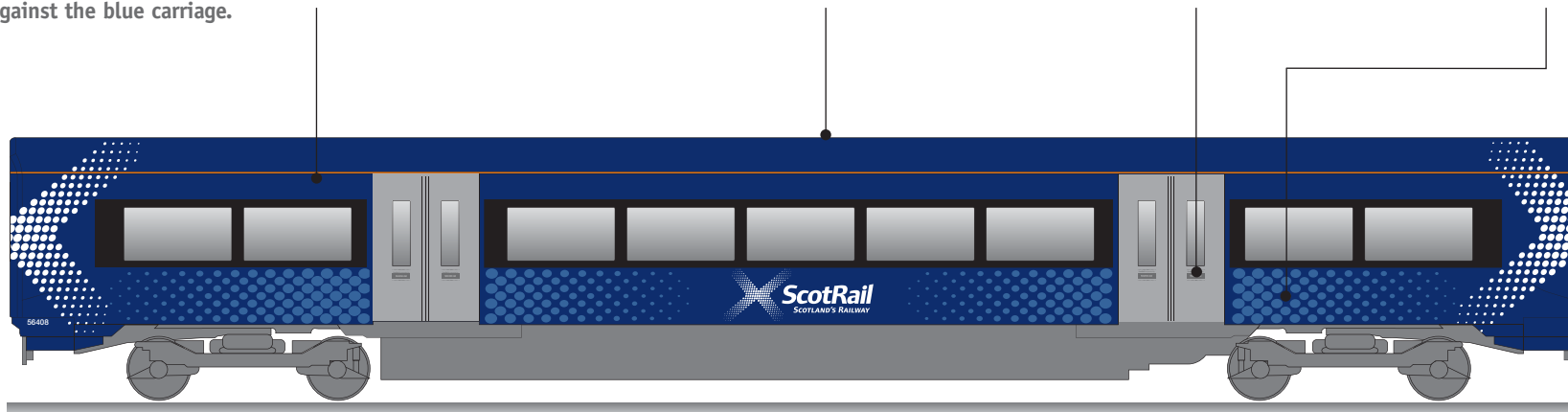
The overall colour and the graphic elements should extend to the carriage shoulders and, where practical, to the carriage roof. It is acceptable to use a matte or textured coating on the roof – in the specified RAL colour.

### Operator Information

A reference to the operator is placed on each of the passenger doors.

### Detailing

The graphic dots on the side of carriages are created from an enlarged section of the arrow detail. They are applied in a 70% tint of Signal blue to create a vignette that fades out from the passenger doors towards the ScotRail identity.



Many elements of train design will be governed by legislation related to access and safety. It will be the responsibility of the contractor to ensure that their interpretation of our guidelines, and the final design, satisfies the relevant regulations.

Exterior | Saltire  
Taobh a-muigh | Bratach

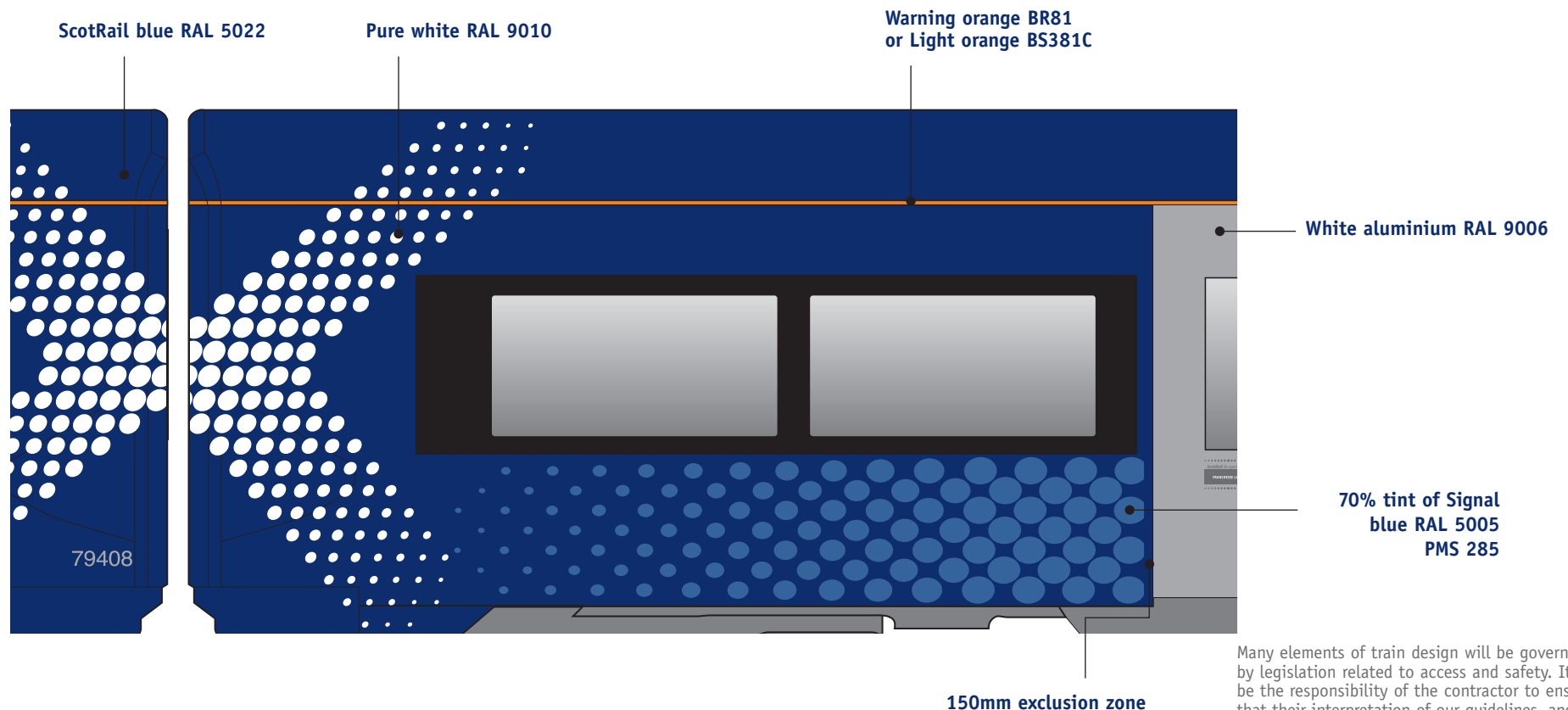
When applying the arrow device at the end of carriages, it is important to consider the placement of the graphic in relation to doors and windows. There are two reasons for this:

### Branding

To give the Saltire and, therefore, the ScotRail identity maximum impact.

### Safety & accessibility

To ensure that the graphic detailing does not affect the 'stand-out' of the silver doors for passengers with a visual impairment. A 150mm blue 'margin' should appear around the doors, within which the graphic elements cannot appear.



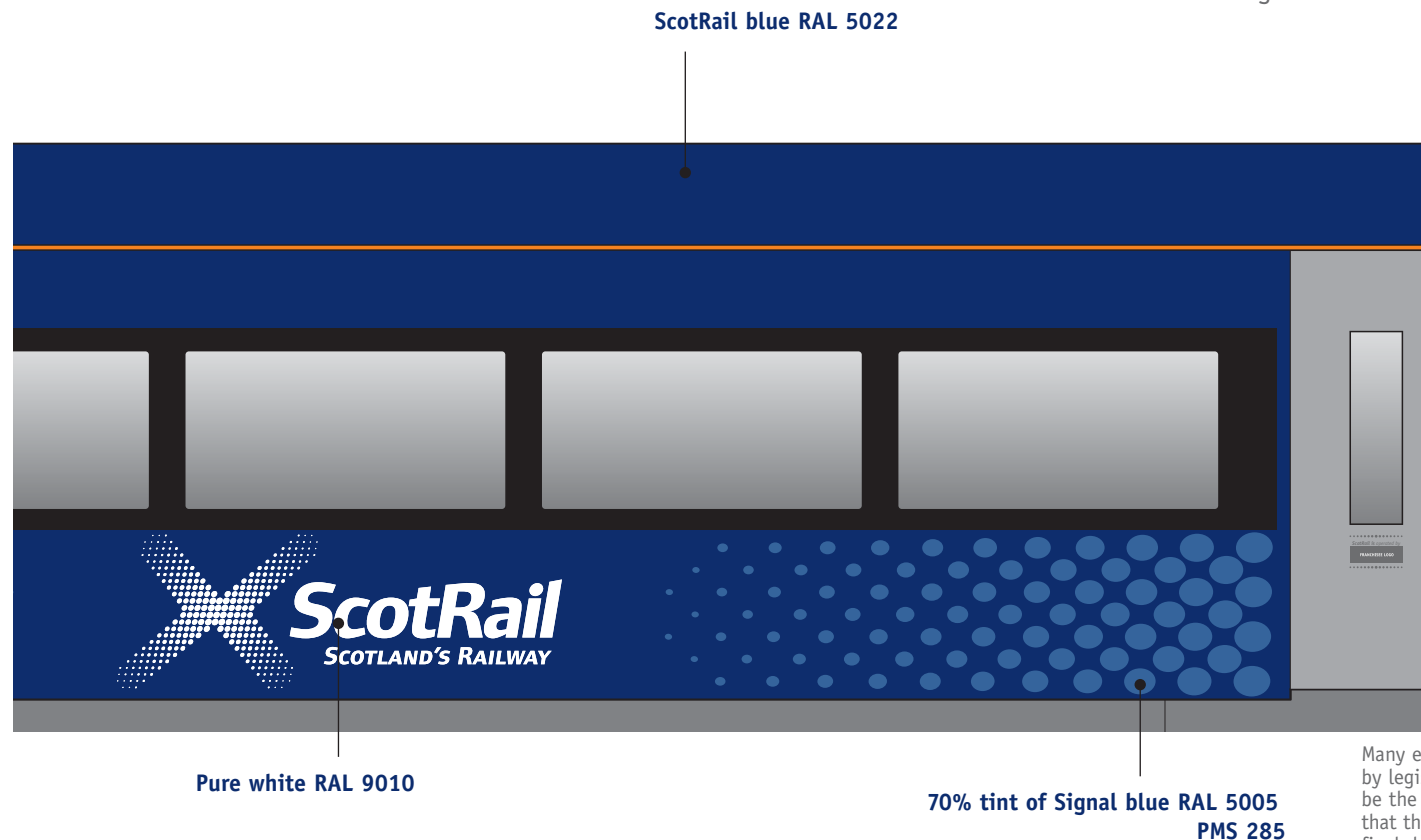
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Exterior | ScotRail identity  
Taobh a-muigh | Aithne ScotRail

The ScotRail mark should be positioned under the windows in a position that is equidistant between the passenger doors at either end of the carriage. The full version of the identity should be used at all times.

The vignette fades out from the passenger doors towards the ScotRail identity – not the other way around. It's created from an enlarged section of the arrow detail.

Placing the vignette as described above may not always be possible, depending on the characteristics of the train. If the vignette cannot be placed without breaching the identity's 'clear space' guidelines (see Identity), a cropped version should be used. The crop should always include the 'faded out' end of the vignette.

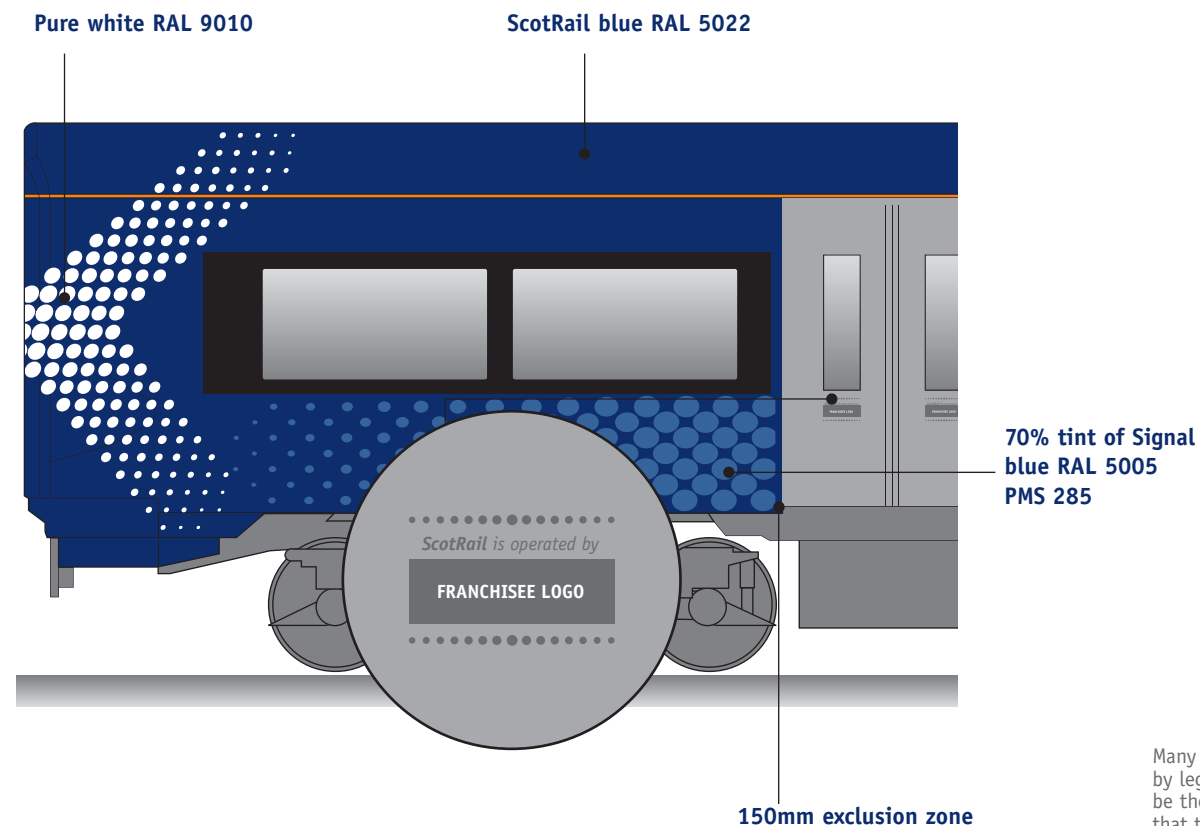


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Exterior | Operator info  
Taobh a-muigh | Fios mu ghnìomhaiche

The reference to the operator is placed on each of the passenger doors.

The agreed wording is as follows:  
**ScotRail** is operated by  
(Franchisee logo)



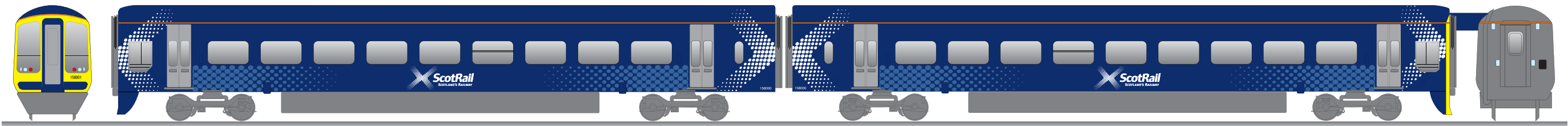
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Train outlines  
Deilbh-iomail thrèanaichean

*Class 156*



*Class 158*



Train outlines  
Deilbh-iomail thrèanaichean

Class 170



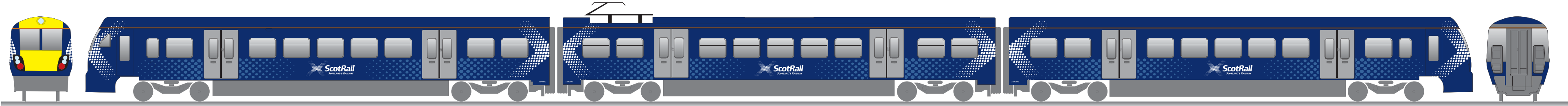
Class 314





Train outlines  
Deilbh-iomail thrèanaichean

Class 334



Certified livery drawing references

Teisteanasan dhealbhan suaicheantais barrantaichte

Class 156	DMSL 'A' & DMS 'B' SCOTRAIL LABEL DIAGRAM <b>CR-CO-2301721</b> DMSL 'A' & DMS 'B' WITH GREY ROOF <b>CR-CO-2301093</b> DMSL 'A' & DMS 'B' WITH BLUE ROOF <b>CR-CO-2301720</b>
Class 158	DMSL 'A' & DMS 'B' SCOTRAIL LABEL DIAGRAM <b>CR-CO-2301723</b> DMSL 'A' & DMS 'B' WITH GREY ROOF <b>CR-CO-2301094</b> DMSL 'A' & DMS 'B' WITH BLUE ROOF <b>CR-CO-2301722</b>
Class 170	MS WITH GREY ROOF <b>CR-CO-2301750</b> DMCL & DMSL WITH BLUE ROOF <b>CR-CO-2301744</b>
Class 314	PMOS WITH GREY ROOF <b>ATC-CO-22103</b> DMS WITH BLUE ROOF <b>ATC-CO-2211065</b> PMOS WITH BLUE ROOF <b>ATC-CO-2211066</b> DMS WITH GREY ROOF <b>ATC-CO-2210028</b>
Class 318	PMOS WITH GREY ROOF <b>EVL-CO-2013726</b> DTOSL & DTSO WITH BLUE ROOF <b>EVL-CO-2012776</b> PMOS WITH BLUE ROOF <b>EVL-CO-2012777</b> DTOSL & DTSO WITH GREY ROOF <b>EVL-CO-2013725</b>
Class 320	PMOS WITH GREY ROOF <b>EVL-CO-2013728</b> PMOS WITH BLUE ROOF <b>EVL-CO-2012780</b> DTSO(A) & DTSO(B) WITH BLUE ROOF <b>EVL-CO-2012778</b> DTSO(A) & DTSO(B) WITH GREY ROOF <b>EVL-CO-2013727</b>
Class 322	TSOL WITH BLUE ROOF <b>EVL-CO-2012783</b> TSOL WITH GREY ROOF <b>EVL-CO-2013731</b> DTCO & DTSO WITH BLUE ROOF <b>EVL-CO-2011781</b> DTCO & DTSO WITH GREY ROOF <b>EVL-CO-2013729</b> PMS WITH BLUE ROOF <b>EVL-CO-2012782</b> PMS WITH GREY ROOF <b>EVL-CO-2013730</b>
Class 334	PTSO WITH GREY ROOF <b>EVL-CO-2013733</b> DMSO WITH GREY ROOF <b>EVL-CO-2013732</b> PTSO WITH BLUE ROOF <b>EVL-CO-2012785</b> DMSO WITH BLUE ROOF <b>EVL-CO-2012784</b>