

InPro®

Information on the Gradus InPro Wall, Corner & Door Protection system:

- Colour range & availability
- Handrails & Combi-rails
- Timber Handrail
- Dual Rail
- Wall Guards & Wall Strips
- Bed Head Protectors & Locators
- Corner Guards

Colours

Availability

The InPro range of wall protection is available in 30 colours to provide a colour choice to suit virtually any design scheme, from healthcare and education environments through to leisure and commercial office applications.



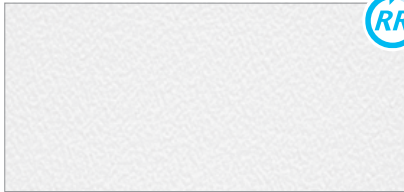
Rapid Response

Selected profiles are available in a range of colours on a 24 hour lead time. The Rapid Response colours are denoted with the Rapid Response symbol on these pages and the profiles available on this service are highlighted with the symbol throughout the brochure.

Rapid Response is available for Sanparrel sheet in all 30 standard colours shown on these pages.

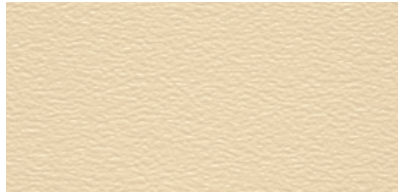
Arctic 101

NCS: 1002-B LRV: 82.77



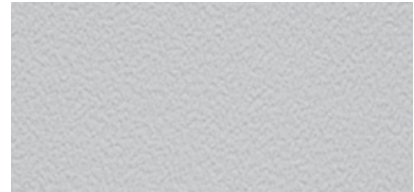
Chamomile 232

NCS: 1020-Y10R LRV: 71.61



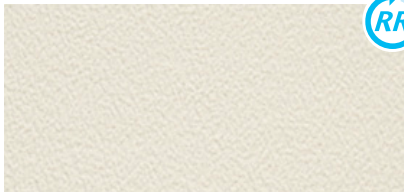
Birch 151

NCS: 2500-N LRV: 50.92



Muslin 103

NCS: 1005-Y10R LRV: 73.39



Lemon 216

NCS: 0540-Y10R LRV: 70.12



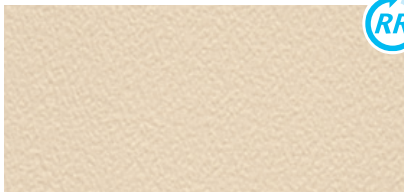
Dolphin 106

NCS: 3502-G LRV: 34.45



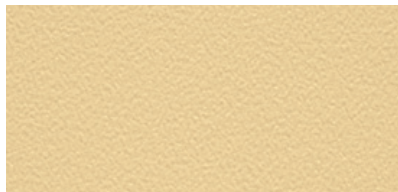
Wheat 109

NCS: 1010-Y40R LRV: 68.95



Beeswax 249

NCS: 1020-Y20R LRV: 57.68



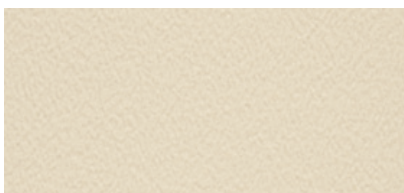
Pewter 107

NCS: 6005-R80B LRV: 19.12



Eggshell 111

NCS: 1005-Y30R LRV: 66.92



Papaya 271

NCS: 1040-Y40R LRV: 46.91



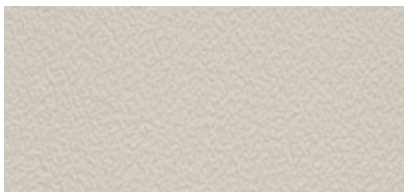
Black 152

NCS: 8502-B LRV: 5.08



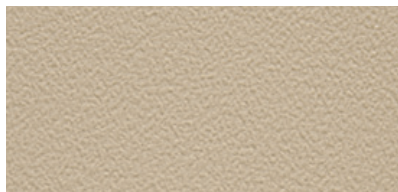
Flax 113

NCS: 2005-Y60R LRV: 53.18



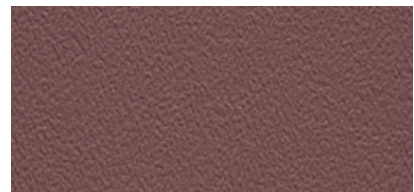
Hessian 118

NCS: 4010-Y30R LRV: 35.79



Rose 149

NCS: 5020-R LRV: 14.34



NCS Colour References

Gradus is a member of NCS (Natural Colour System) and utilises the NCS reference codes shown above each colour. NCS is a user friendly colour language and is the only colour system that describes colour exactly as we see it. NCS is used by professionals as a tool for precise colour communication, selection and specification. For further information visit the NCS website - www.ncscolour.co.uk ©Property of and used under licence from the Scandinavian Colour Institute AB, SCI-Sweden se, Stockholm 2004. 'See www.ncscolour.co.uk for NCS-standard samples'.

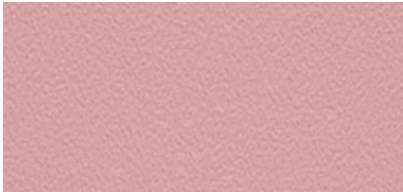
Light Reflectance Values

All Gradus InPro wall protection colours have been measured for Light Reflectance and the Value (LRV) is detailed above each colour (values have been measured using the CIE Y value in accordance with BS8493:2008 + A1:2010). LRVs allow tonal contrast to be achieved between different surfaces to highlight features (e.g. handrails or door furniture), identify hazards or provide wayfinding.

This is in line with the guidance in Approved Document M 2004 of The Building Regulations 2000, BS8300:2009+A1 2010 and Colour, Contrast & Perception (Project Rainbow). For further information on how LRVs can be used to effectively specify Gradus wall protection see Specification Guidelines pages 70 to 75.

Peach 273

NCS: 2030-Y90R LRV: 34.81



Willow 187

NCS: 4010-B90G LRV: 35.76



Seaspray 262

NCS: 2020-B LRV: 53.29



Daybreak 115

NCS: 3010-Y50R LRV: 46.17



Mint 248

NCS: 3020-B50G LRV: 38.13



Lagoon 286

NCS: 1030-R80B LRV: 51.05



Cinnamon 235

NCS: 4030-Y50R LRV: 22.09



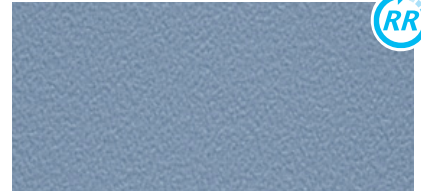
Sherwood 125

NCS: 5020-B50G LRV: 18.68



Lupin 132

NCS: 3030-R90B LRV: 28.83



Russet 257

NCS: 4040-Y60R LRV: 15.50



Petrol 134

NCS: 6020-B LRV: 12.80



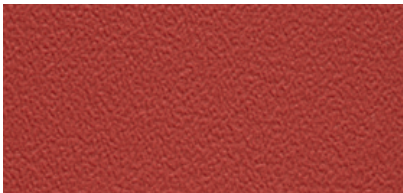
Tempest 164

NCS: 4020-R80B LRV: 24.84



Cherry 236

NCS: 3060-Y90R LRV: 11.56



Admiral 165

NCS: 6020-R80B LRV: 10.36



Amethyst 171

NCS: 5020-R70B LRV: 17.06



Important note: Due to the limitations of the printing process, colours within this catalogue should not be relied upon for colour matching. An accurate colour match can only be achieved by requesting the relevant product sample(s).

Handrails & Combi-rails



Gradus website:
www.gradusworld.com

InPro handrails and combi-rails are designed to offer pedestrian guidance and support, in addition to a level of surface protection and are suitable for use in a wide range of environments including healthcare, education and transport.

Profiles

- PVC-u covers with aluminium retainers and full range of finishing accessories
- Replaceable, easy to clean covers
- Supplied in 3.66m lengths
- Timber handrail (page 22), Stainless Steel handrail (page 60) and Dual Rail (page 24) also available

Information

- 30 colour options. See pages 16 to 17 for details, Light Reflectance Values (LRVs) and NCS references
- Designed for use in interior horizontal circulation areas
- For guidance on selection in line with BS8300:2009 + A1:2010, Approved Document M of The Building Regulations 2000, HBN 00-10, HBN 00-04 and Mat 05 see pages 70 to 77
- Rapid Response 24 hour availability – see profiles highlighted with symbol and page 16 for details
- Visit: www.gradusworld.com to download: AutoCAD drawings, Gradus & NBS Specifications, Cleaning & Maintenance, Installation Guidelines and Health & Safety Data Sheets
- For specification & ordering guidelines see page 78

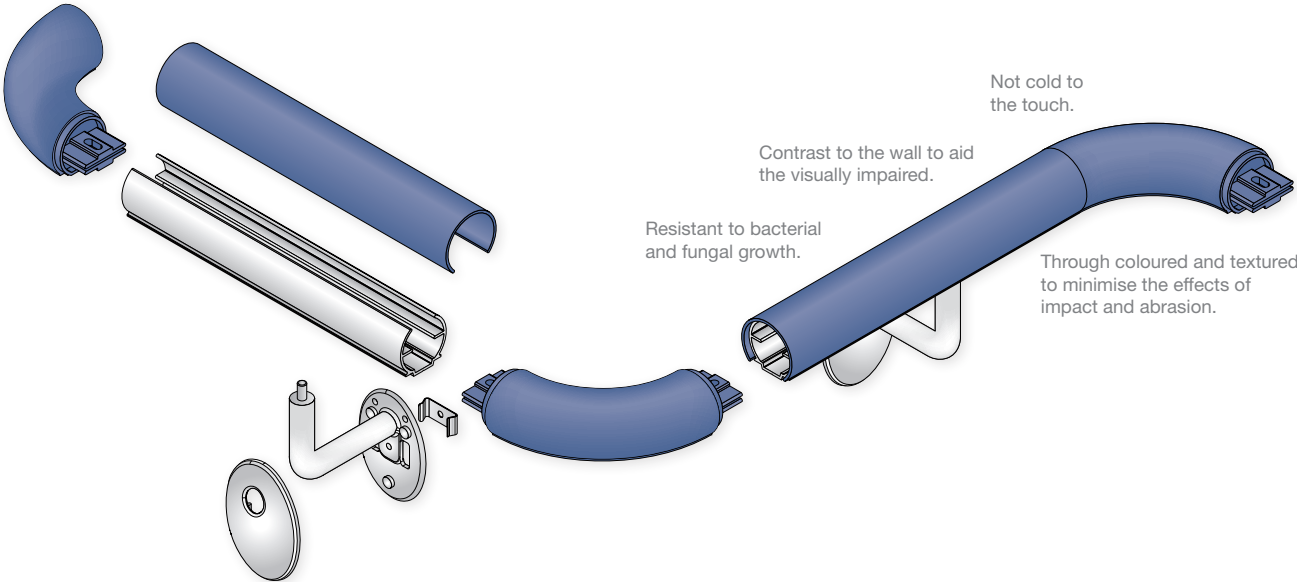


Handrail & Combi-rails

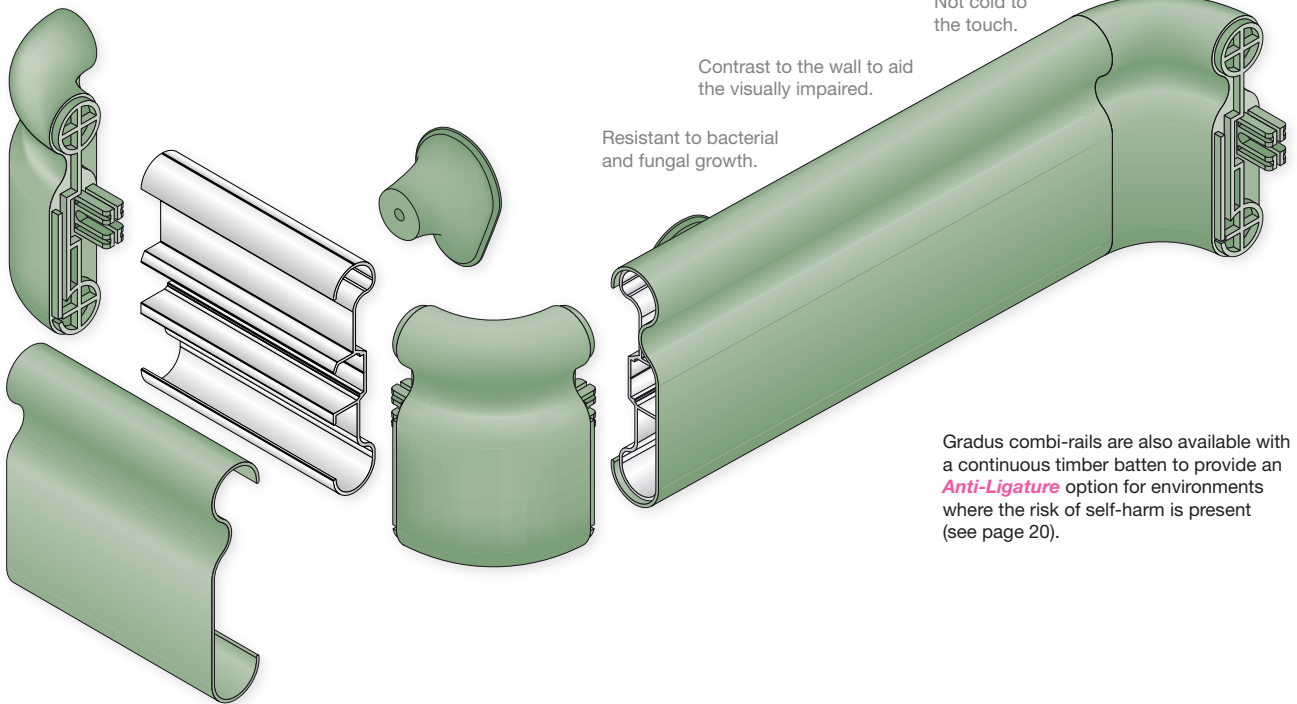
950 Handrail - typical example

Designed to meet guidelines in BS8300:2009 + A1:2010 and Approved Document M (2004), with the aim to help specifiers and building owners meet their duties under the Equality Act 2010 (see pages 70 to 73)

- Handrail diameter: 45mm
- Bracket clearance: 50mm
- Distance from the wall: 60mm



1200 Combi-rail - typical example



Gradus combi-rails are also available with a continuous timber batten to provide an **Anti-Ligature** option for environments where the risk of self-harm is present (see page 20).

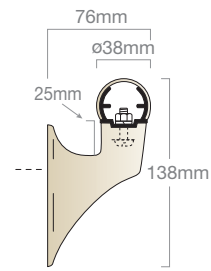
Profiles: Dimensions shown are nominal. Illustrations are not full size. Products subject to minor design alterations without notice.

Handrail & Combi-rail Selection Guide

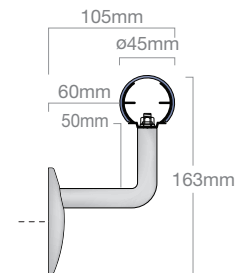
Product

∅ = Diameter

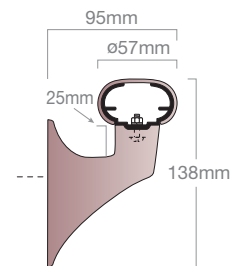
900 Handrail



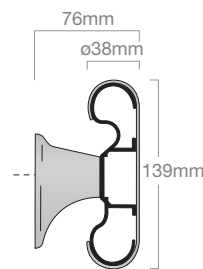
950 Handrail



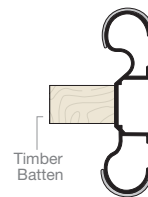
2000 Handrail



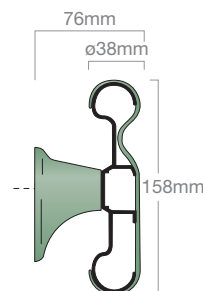
800 Combi-rail



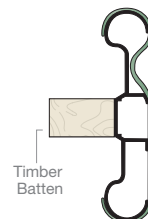
Anti-Ligature option

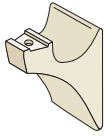
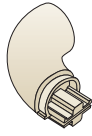
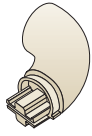

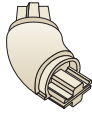


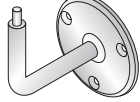


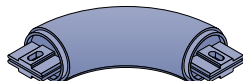

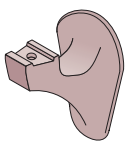
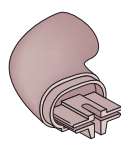
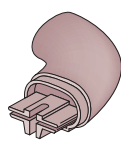
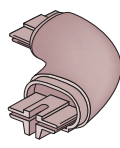
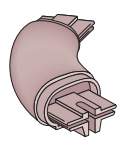


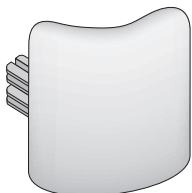
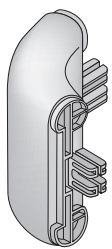
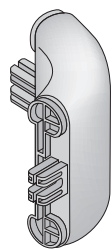
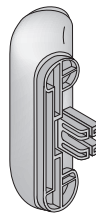
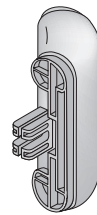


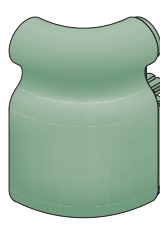
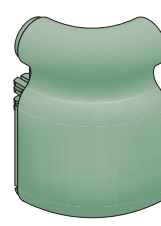
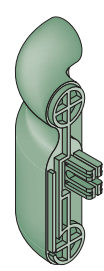
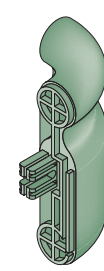
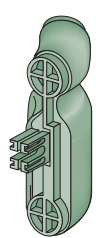
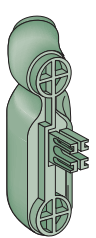



1200 Combi-rail



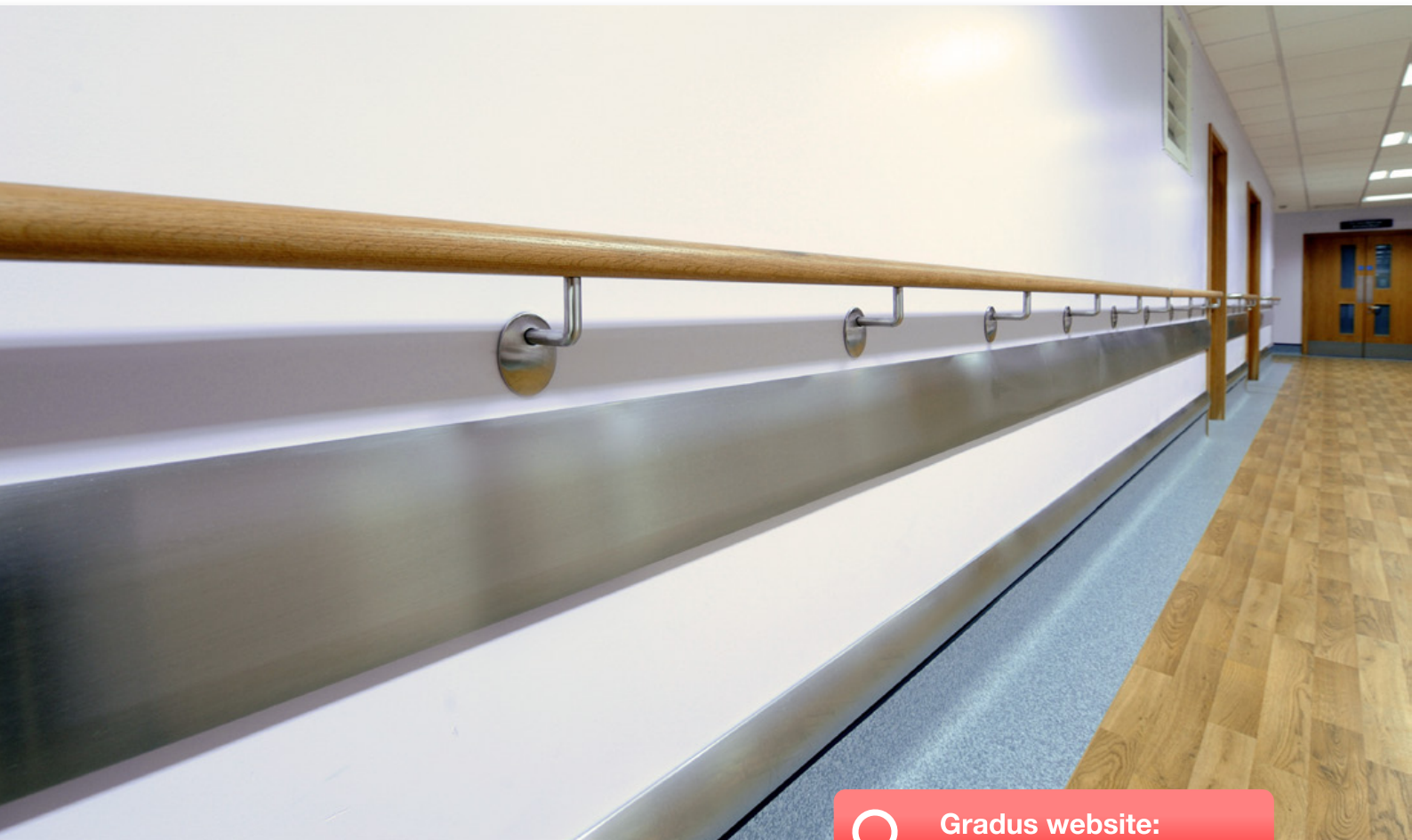
Anti-Ligature option



Mounting Bracket	Left Return	Right Return	Outside/Inside Corner 90°	Outside/Inside Corner 135°	Handrail Splice		
							
909	902	903	904 (Universal)	904/135 (Universal)	906		
 				n/a			
951 959	952	953	954 (Universal)	n/a	906		
							
2001	2002	2003	2004 (Universal)	2004/135 (Universal)	906		
							
801	802 (Universal)	803	805	803/135	805/135	804	
							
801	1202	1203	1204	1205	1204/135	1205/135	804

Profiles: Dimensions shown are nominal. Illustrations are not full size. Products subject to minor design alterations without notice.

Timber Handrail



Gradus website:
www.gradusworld.com

Gradus timber handrail provides the specifier with an option to create a premium finish in environments such as hospitality, leisure, commercial office, retail and healthcare. Gradus guarantees the timber used to make the handrail is from verified, legal and sustainable sources.

Profiles

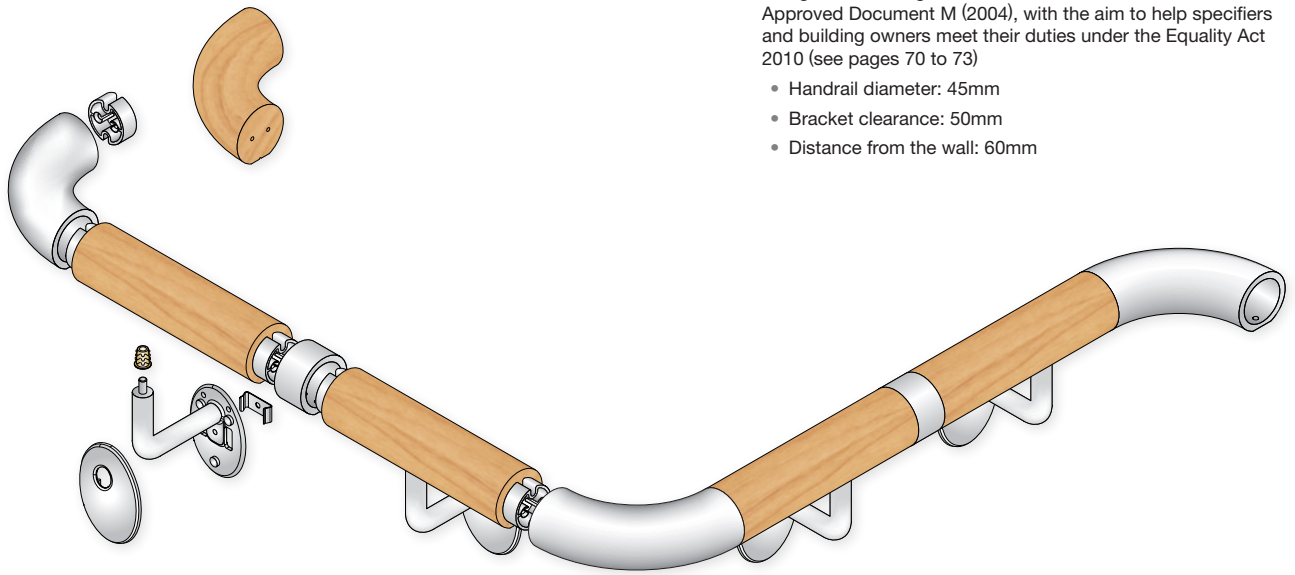
- Solid timber handrail with stainless steel or solid timber finishing accessories
- Four wood options – Ash 3.6m, Oak 3.6m, Maple 3.0m, Utile 3.0m
- Supplied pre-lacquered – no on-site finishing required
- Stainless steel handrail (page 60) and PVC-u handrail (page 20) also available
- Timber handrail also forms part of 3500W Dual Rail (see pages 24 to 27)
- Other timber species are available to special order

Information

- Designed for use in interior horizontal circulation areas
- For guidance on selection in line with BS8300:2009 + A1:2010, Approved Document M of The Building Regulations 2000, HBN 00-10, HBN 00-04 and Mat 05 see pages 70 to 77
- Visit: www.gradusworld.com to download: AutoCAD drawings, Gradus & NBS Specifications, Cleaning & Maintenance, Installation Guidelines and Health & Safety Data Sheets
- For specification & ordering guidelines see page 78

Timber Handrail

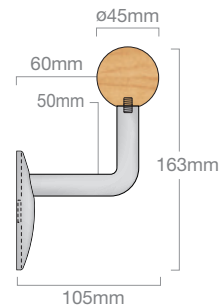
450 Timber Handrail - typical example



Designed to meet guidelines in BS8300:2009 + A1:2010 and Approved Document M (2004), with the aim to help specifiers and building owners meet their duties under the Equality Act 2010 (see pages 70 to 73)

- Handrail diameter: 45mm
- Bracket clearance: 50mm
- Distance from the wall: 60mm

450 Timber Handrail



Mounting Bracket	Inside / Outside Corner 90° Left / Right Return 90°	Handrail Splice	Collar	
T951	SS454 Stainless Steel option (includes two 456 splices)	T454 Timber option (FBC Collar required to connect to Handrail)	456	FBC Collar (includes two 456 splices)
T959				

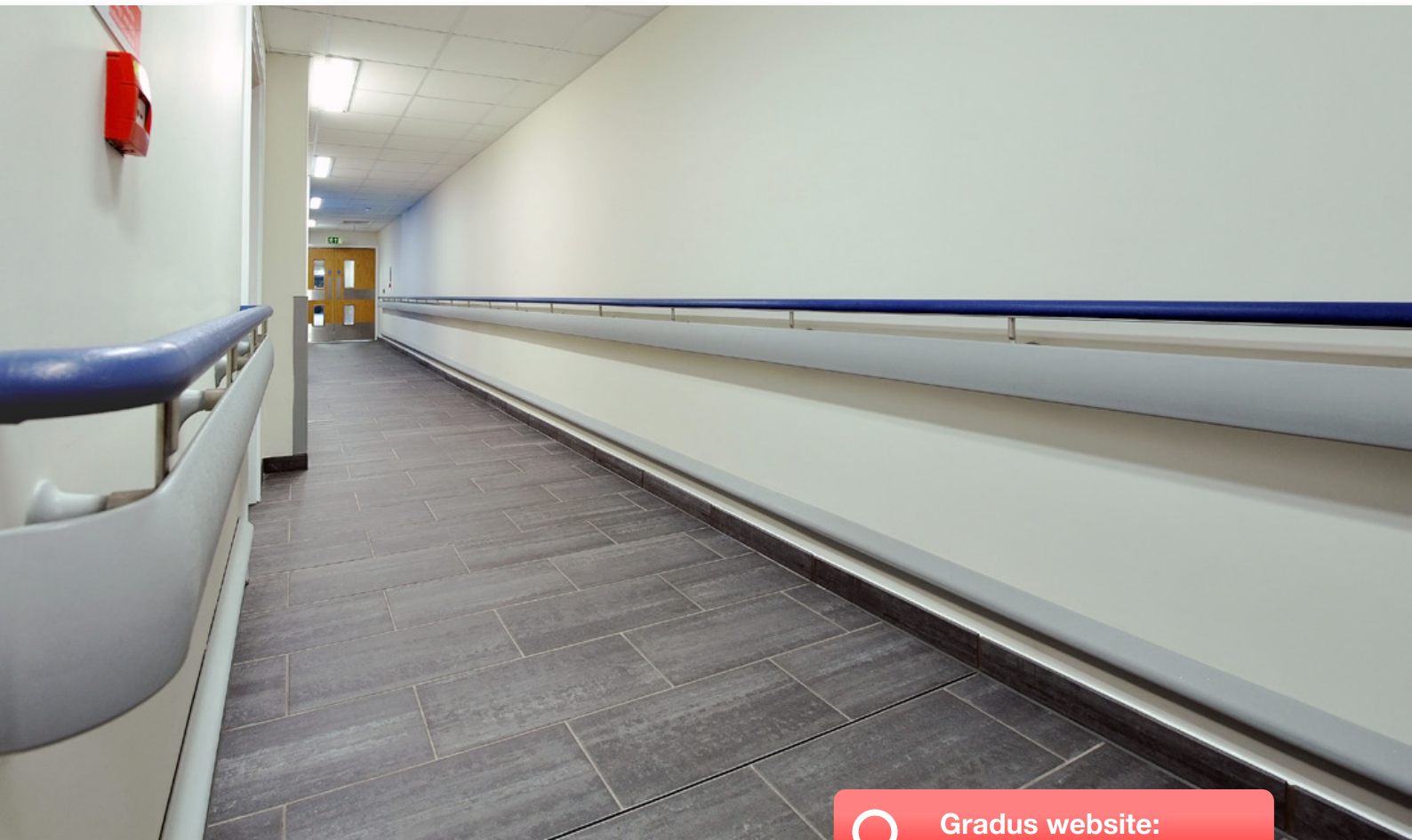
Wood options

Ash 401	Oak 402	Maple 403	Utile 404
LRV: 42.92	LRV: 28.06	LRV: 36.84	LRV: 15.11

Light Reflectance Values shown are a guide only as wood is a natural product. Variations in colour & pattern will occur.

Profiles: Dimensions shown are nominal. Illustrations are not full size. Products subject to minor design alterations without notice.

Dual Rail™



Gradus website:
www.gradusworld.com

InPro Dual Rail is the ideal solution where both a handrail and a wall guard are required as a combined system. Dual Rail is ideal for healthcare environments where pedestrian support is required in addition to protection against severe impact.

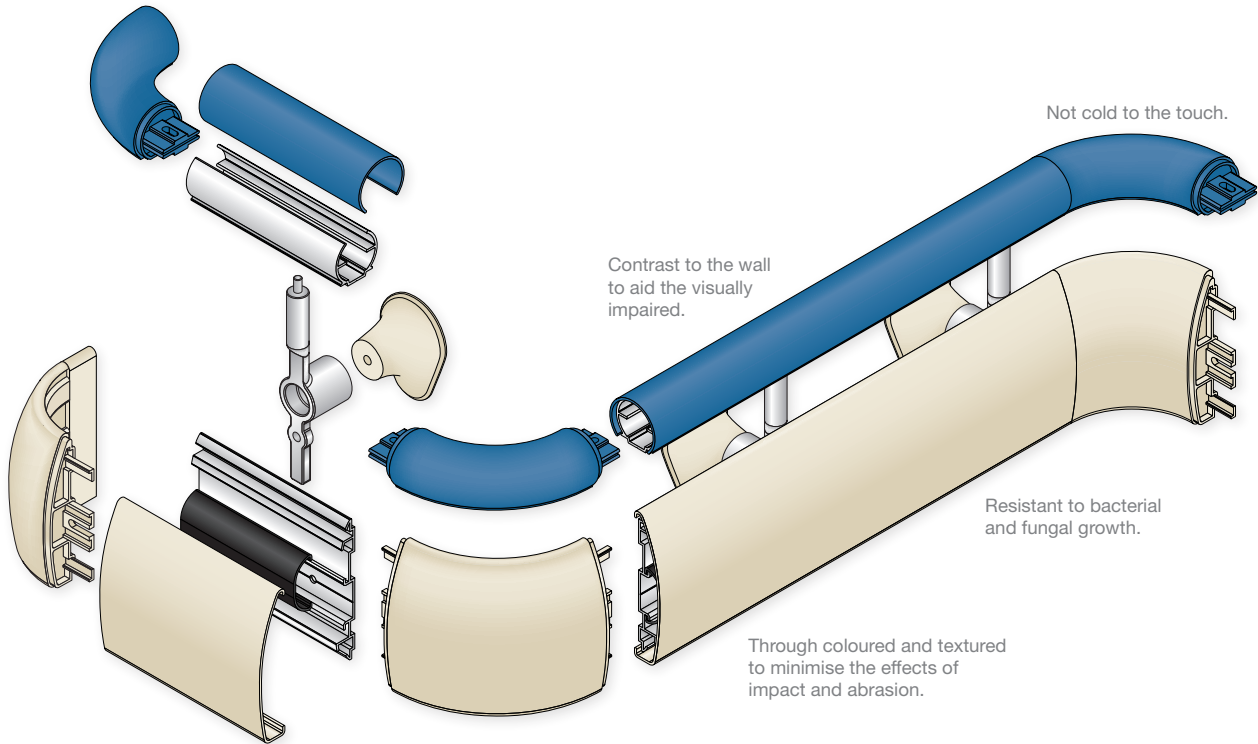
Profiles

- Dual Rail comprises a choice of handrail (PVC-u or Timber) combined with a PVC-u wall guard that features an internal impact bumper for additional strength and impact absorption
- Handrails and wall guards are available as individual components (see pages 22, 23 and 30)
- Replaceable, through coloured, easy to clean covers (PVC-u parts only)
- Supplied in 3.66m lengths

Information

- 30 colour options. See pages 16 to 17 for details, Light Reflectance Values (LRVs) and NCS references. Four timber options for handrail (see page 23)
- Designed for use in interior horizontal circulation areas
- Developed to meet the specific needs of healthcare environments, meeting the guidance set out in the NHS Estates Health Building Note 00-10 and Health Building Note 00-04. For guidance on selection in line with these standards and BS8300:2009+A1:2010 and Approved Document M of The Building Regulations 2000 see pages 70 to 75
- Visit: www.gradusworld.com to download: AutoCAD drawings, Gradus & NBS Specifications, Cleaning & Maintenance, Installation Guidelines and Health & Safety Data Sheets
- For specification & ordering guidelines see page 78

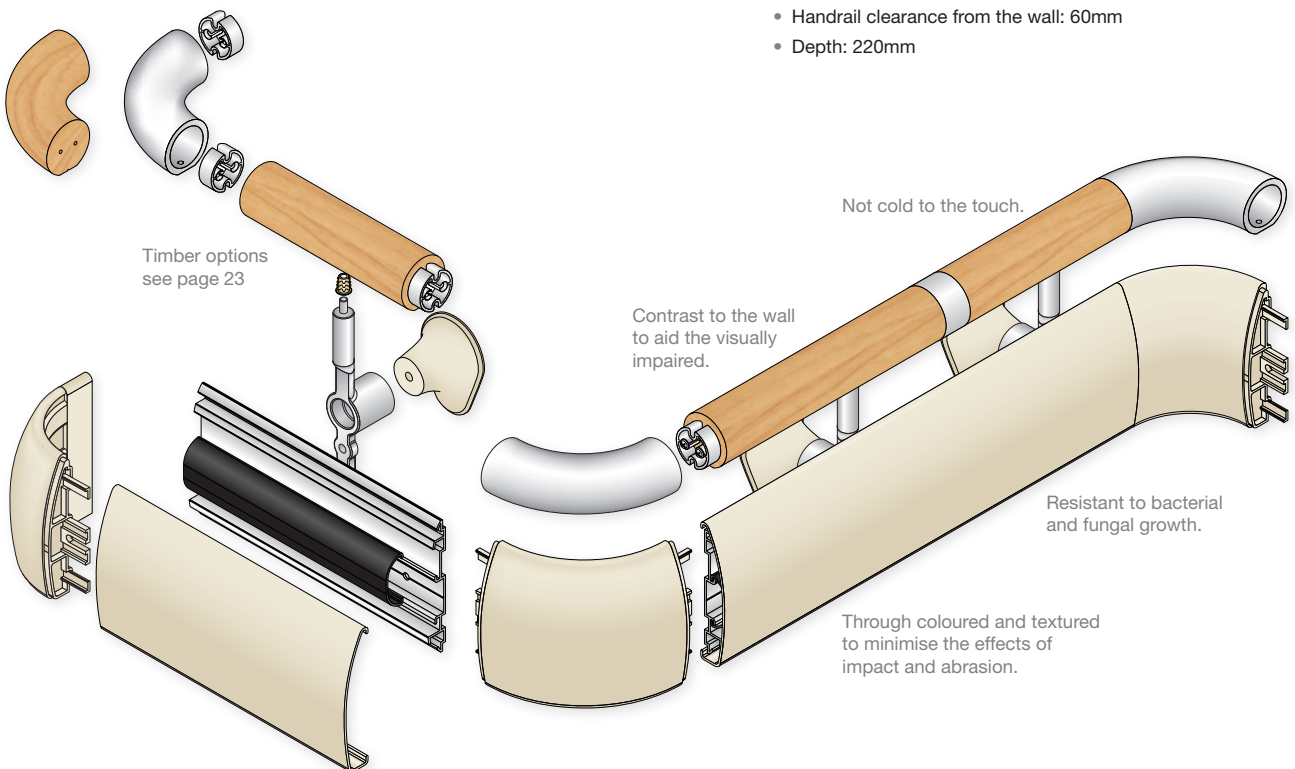
3500 Dual Rail - typical example



All Dual Rail options are designed to meet guidelines in BS8300:2009 + A1:2010 and Approved Document M (2004), with the aim to help specifiers and building owners meet their duties under the Equality Act 2010 (see pages 70 to 73)

- Handrail diameter: 45mm
- Handrail clearance: 50mm
- Handrail clearance from the wall: 60mm
- Depth: 220mm

3500W Dual Rail - typical example

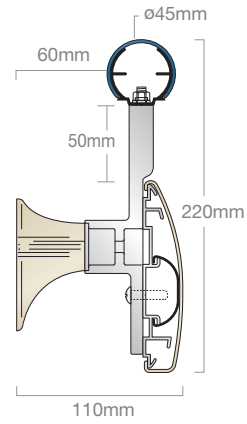


Dual Rail™ Selection Guide

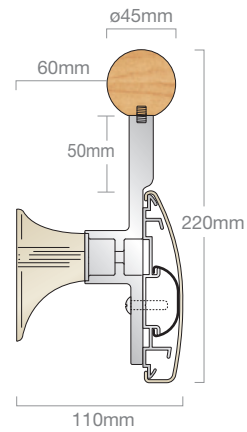
Product

∅ = Diameter

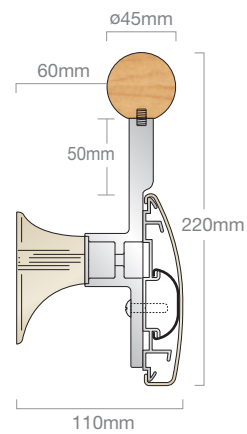
3500 Dual Rail



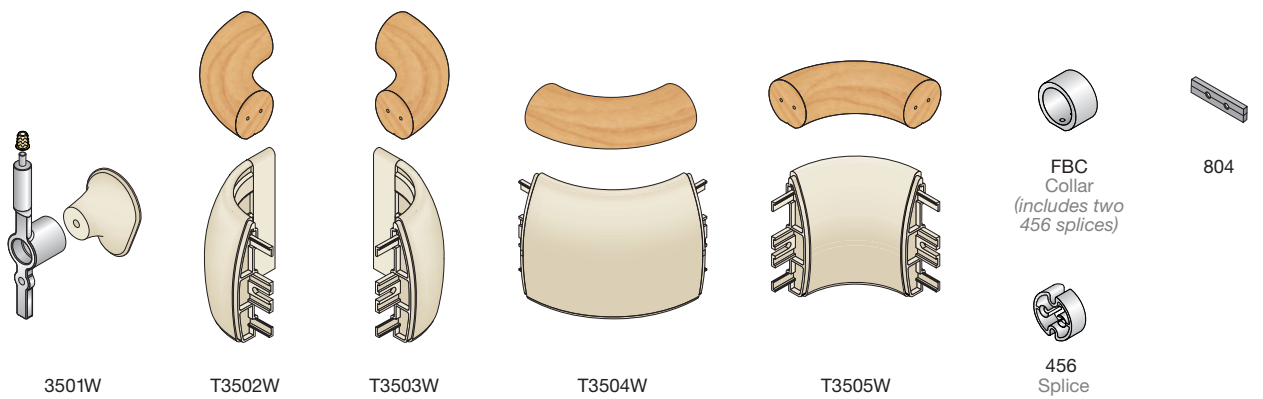
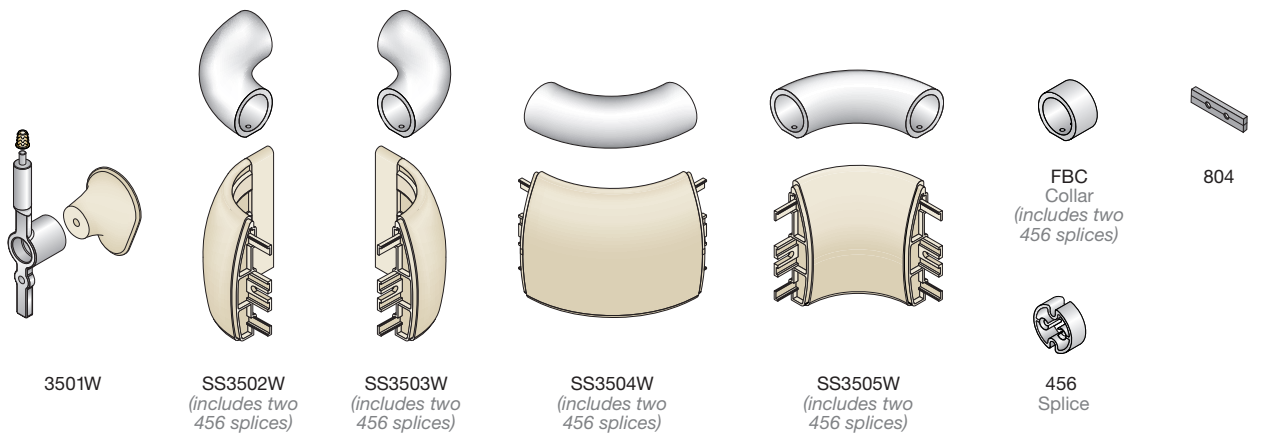
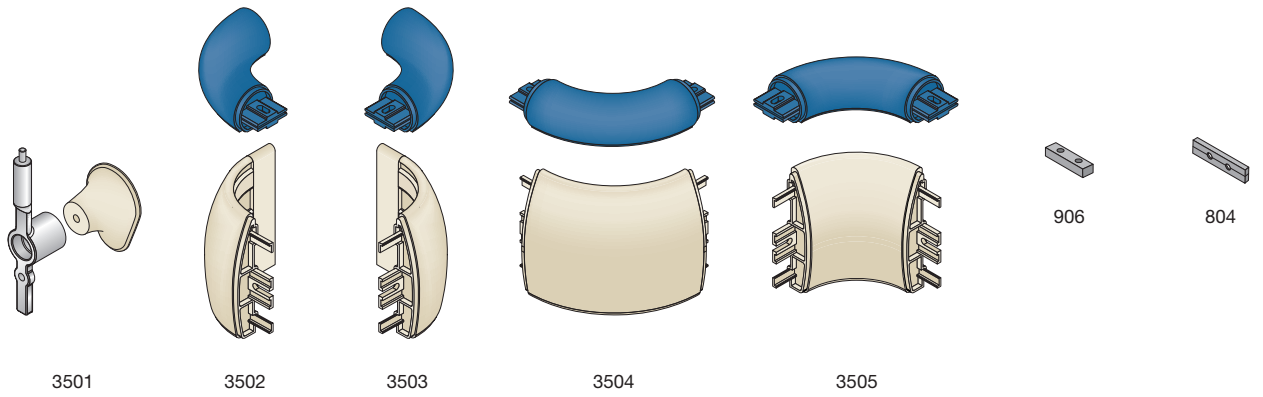
3500W Dual Rail - stainless steel accessories



3500W Dual Rail - timber accessories



Mounting Bracket	Left Return	Right Return	Outside Corner 90°	Inside Corner 90°	Handrail Collar/Splice	Wall Guard Splice
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Timber options (FBC Collar required to connect to Handrail)