

#### NBS Specification

P20 UNFRAMED ISOLATED TRIMS/SKIRTINGS/SUNDRY ITEMS  
30 OTHER ITEMS / 170 OTHER ITEMS

**Manufacturer:** Gradus Wall Protection, Park Green, Macclesfield, Cheshire, SK11 7LZ.  
Tel: 01625 428922 - Website: [www.gradus.com](http://www.gradus.com) - Email: sales@gradus.com

**Reference:** D200S

#### Colour (select as required):

**Wall Guard element:** 001 Chalk (LRV: 87.51), 002 Gravel (LRV: 53.71), 003 Clay (LRV: 33.86), 004 Granite (LRV: 24.07), 005 Shale (LRV: 17.88), 006 Ivory (LRV: 81.98), 007 Wicker (LRV: 70.36), 008 Sand (LRV: 52.26), 009 Sienna (LRV: 26.67), 010 Bark (LRV: 16.61), 011 Pebble (LRV: 59.08), 013 Greige (LRV: 38.97), 014 Cinnamon (LRV: 42.30), 016 Glacier (LRV: 59.27), 018 Azure (LRV: 45.14), 020 Denim (LRV: 16.91), 021 Straw (LRV: 75.21), 024 Bamboo (LRV: 54.74), 028 Poppy (LRV: 16.31), 030 Iris (LRV: 18.61), 031 Alum (LRV: 71.91), 032 Flint (LRV: 43.70), 033 Slate (LRV: 7.03), 035 Hessian (LRV: 35.79), 040 Lychee (LRV: 44.83), 041 Terracotta (LRV: 27.04), 046 Indigo (LRV: 10.92), 044 Sage (LRV: 39.35) 045 Fern (LRV: 18.23), 048 Lagoon (LRV: 48.61) 042 Mulberry (LRV: 13.38), 043 Mimosa (LRV: 68.48)

**Handrail element** – Silver Anodised Aluminium

**Fixing:** Mechanical (screw) fix – as per manufacturer's instructions

#### Gradus Detailed Specification

**Manufacturer:** Gradus Wall Protection, Park Green, Macclesfield, Cheshire, SK11 7LZ.  
Tel: 01625 428922 - Website: [www.gradus.com](http://www.gradus.com) - Email: sales@gradus.com

**Reference:** D200S

**Cover:** PVC-u

**Retainer:** Aluminium

**Accessories:** D2002EP Outside Corner, D200IP Inside Corner, D2004P Universal Return, D2003 Mounting Bracket

**Handrail Grip Diameter:** 40mm

**Height:** 215mm

**Depth:** 109mm

**Length:** 4.00m

#### Colour (select as required):

##### Wall Guard element:

001 Chalk (LRV: 87.51), 002 Gravel (LRV: 53.71), 003 Clay (LRV: 33.86), 004 Granite (LRV: 24.07), 005 Shale (LRV: 17.88), 006 Ivory (LRV: 81.98), 007 Wicker (LRV: 70.36), 008 Sand (LRV: 52.26), 009 Sienna (LRV: 26.67), 010 Bark (LRV: 16.61), 011 Pebble (LRV: 59.08), 013 Greige (LRV: 38.97), 014 Cinnamon (LRV: 42.30), 016 Glacier (LRV: 59.27), 018 Azure (LRV: 45.14), 020 Denim (LRV: 16.91), 021 Straw (LRV: 75.21), 024 Bamboo (LRV: 54.74), 028 Poppy (LRV: 16.31), 030 Iris (LRV: 18.61), 031 Alum (LRV: 71.91), 032 Flint (LRV: 43.70), 033 Slate (LRV: 7.03), 035 Hessian (LRV: 35.79), 040 Lychee (LRV: 44.83), 041 Terracotta (LRV: 27.04), 046 Indigo (LRV: 10.92), 044 Sage (LRV: 39.35) 045 Fern (LRV: 18.23), 048 Lagoon (LRV: 48.61) 042 Mulberry (LRV: 13.38), 043 Mimosa (LRV: 68.48)

**Handrail element** – Silver Anodised Aluminium

**Fixing:** Mechanical (screw) fix – as per manufacturer's instructions

#### Description

The Gradus D200 Dual Rail is a cost effective solution for where both a handrail and wall guard are required as a combined system. Ideal for healthcare environments where pedestrian support is required in addition to protection against severe impact, Dual Rail has been developed to meet the guidelines in Health Building Note (HBN) 00-04, BS8300:2009+A1:2010 and Approved Document M 2004 & Approved Document K 2013 of The Building Regulations 2010 with the aim to help specifiers and building owners meet their duties under the Equality Act 2010.

The D200S option of Dual Rail features a silver anodised aluminium handrail, a PVC-u wall guard and PVC-u accessories. The PVC-u covers and accessories are non-reflective and are through-coloured & textured to conceal the effects of impacts and abrasion. The handrail element should be selected in a contrasting colour to the wall finish to aid movement around a building for visually impaired people in line with BS8300:2001+A1:2010 and The Building Regulations 2010 - Approved Document M guidelines. Light Reflectance Values (LRVs) are detailed above for all colours