

### NBS & Gradus Specification

---

#### AR81R Traditional Aluminium Stair Edging

Data Sheet: Page 1 of 2 AH/DW 01.02.24

Gradus is a member of NBS Source, providing a comprehensive library of pre-written specifications supported by guidance notes. The NBS specification for AR81R is shown below, plus a detailed Gradus specification and profile description to ensure the correct specification is maintained. For further information on NBS contact NBS Services on 0191 232 9594.

#### NBS Specification

#### M50 RUBBER/PLASTICS/CORK/LINO/CARPET TILING/SHEETING

#### 75/ 750/ 550 STAIR NOSINGS AND TRIMS

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

**Reference:** AR81R with Xtra-grip Plus Insert

**Material:** Mill finish aluminium with PVC inserts

**Insert Colour (select as required):** Asphalt (LRV: 4.52), Shark (LRV: 5.03), Bark (LRV: 5.71), Mercury (LRV: 12.56), Smoke (LRV: 24.71), Dusk (LRV: 37.44), Air (LRV: 43.58), Prairie (LRV: 45.84), Sandstone (LRV: 46.83), Citrine (LRV: 49.97), Fossil (LRV: 43.77), Lunar (LRV: 52.79), Calcite (LRV: 66.51)

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

**Or**

**Reference:** AR81R with Xtra-grip insert

**Material:** Mill finish aluminium with PVC inserts

**Insert Colour (select as required):** Onyx (LRV: 4.52), Neptune (LRV: 5.03), Umber (LRV: 5.71), Graphite (LRV: 12.56), Quarry (LRV: 24.71), Concrete (LRV: 37.44), Surf (LRV: 43.58), Bamboo (LRV: 45.84), Pumice (LRV: 46.83), Ochre (LRV: 49.97), Ivory (LRV: 43.77), Platinum (LRV: 52.79), Frost (LRV: 66.51)

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

**Or**

**Reference:** AR81R with Interior Standard Finish insert

**Material:** Mill finish aluminium with PVC inserts

**Insert Colour (select as required):** Jet (LRV: 4.56), Ink (LRV: 4.96), Burgundy (LRV: 5.70), Coffee (LRV: 6.05), Midnight (LRV: 6.56), Evergreen (LRV: 6.69), Ocean (LRV: 8.00), Poppy (LRV: 10.39), Lead (LRV: 12.77), Steel (LRV: 26.99), Cloud (LRV: 28.57), Linen (LRV: 38.59), Glacier (LRV: 42.09), Clay (LRV: 47.97), Sky (LRV: 52.63), Canvas (LRV: 53.27), Jade (LRV: 53.98), Buttercup (LRV: 55.54), Photoluminescent (LRV: 57.59), Wisp (LRV: 58.17), Snowdrift (LRV: 83.77)

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

**Or**

**Reference:** AR81R with Interior Grained Finish insert

**Material:** Mill finish aluminium with PVC inserts

**Insert Colour (select as required):** Black (LRV: 6.47), Brown (LRV: 12.13), Granite (LRV: 13.44), Dove (LRV: 23.40)

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

**Or**

**Reference:** AR81R with Standard Exterior insert

**Material:** Mill finish aluminium with glass reinforced polyester/fused alumina inserts

**Insert Colour (select as required):** Tornado (LRV: 4.49), Sandstorm (LRV: 50.77), Hurricane (LRV: 30.43), Blizzard (LRV: 83.25)

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

### NBS & Gradus Specification

---

#### AR81R Traditional Aluminium Stair Edging

Data Sheet: Page 2 of 2 AH/DW 01.02.24

#### Gradus Detailed Specification

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

**Reference:** AR81R

**Gauge:** Ramped Profile for use with resilient floorcoverings or no floorcovering

**Tread Dimension:** 63mm (including ramp)

**Riser Dimension:** 38mm

**Channel:** Mill finished aluminium channel with single, slip-resistant insert

**Profile Shape:** Bullnose

**Insert Type & Colour (select as required):**

Xtra-grip Plus insert with low risk of slip in both wet and dry interior conditions (PTV >36 in wet and dry conditions), suitable for areas subject to regular cleaning such as catering and food preparation environments) in colour: Asphalt (LRV: 4.52), Shark (LRV: 5.03), Bark (LRV: 5.71), Mercury (LRV: 12.56), Smoke (LRV: 24.71), Dusk (LRV: 37.44), Air (LRV: 43.58), Prairie (LRV: 45.84), Sandstone (LRV: 46.83), Citrine (LRV: 49.97), Fossil (LRV: 43.77), Lunar (LRV: 52.79), Calcite (LRV: 66.51)

**Or**

Xtra-grip insert with low risk of slip in both wet and dry interior conditions (PTV >36 in wet and dry conditions) in colour:

Onyx (LRV: 4.52), Neptune (LRV: 5.03), Umber (LRV: 5.71), Graphite (LRV: 12.56), Quarry (LRV: 24.71), Concrete (LRV: 37.44), Surf (LRV: 43.58), Bamboo (LRV: 45.84), Pumice (LRV: 46.83), Ochre (LRV: 49.97), Ivory (LRV: 43.77), Platinum (LRV: 52.79), Frost (LRV: 66.51)

**Or**

Interior Standard Finish insert with low risk of slip in interior dry conditions (PTV >36) in colour: Jet (LRV: 4.56), Ink (LRV: 4.96), Burgundy (LRV: 5.70), Coffee (LRV: 6.05), Midnight (LRV: 6.56), Evergreen (LRV: 6.69), Ocean (LRV: 8.00), Poppy (LRV: 10.39), Lead (LRV: 12.77), Steel (LRV: 26.99), Cloud (LRV: 28.57), Linen (LRV: 38.59), Glacier (LRV: 42.09), Clay (LRV: 47.97), Sky (LRV: 52.63), Canvas (LRV: 53.27), Jade (LRV: 53.98), Buttercup (LRV: 55.54), Photoluminescent (LRV: 57.59), Wisp (LRV: 58.17), Snowdrift (LRV: 83.77)

**Or**

Interior Grained Finish insert with low risk of slip in interior dry conditions (PTV >36) in colour: Black (LRV: 6.47), Brown (LRV: 12.13), Granite (LRV: 13.44), Dove (LRV: 23.40)

**Or**

Standard Exterior insert with low risk of slip in both wet and dry conditions (PTV >36 in wet and dry conditions) in colour: Tornado (LRV: 4.49), Sandstorm (LRV: 50.77), Hurricane (LRV: 30.43), Blizzard (LRV: 83.25)

**Recommended Side Trim:** Not applicable

**Fixing:** Gradus Grip (adhesive only) – as per manufacturer's instructions OR Mechanical & adhesive fix – as per manufacturer's instructions

#### Description

##### A Range

A range of attractive and hardwearing stair edgings comprising of aluminium channels with factory bonded slip resistant inserts. Suitable for interior and exterior use (dependent on insert selected), these profiles are supplied with pre-bonded inserts and capping plugs to conceal screw heads after mechanical fixing (capping plugs for pvc inserts only). Typically used with resilient floorcoverings from all major manufacturers, aluminium stair edgings are suitable for all commercial and most industrial applications.

As with all Gradus stair edgings, AR81R helps to meet the guidance in Approved Document M (The Building Regulations 2010) and helps to achieve an inclusive environment in line with the Equality Act 2010.