

### Gradus & NBS Specifications

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#### AK52 Aluminium Stair Edging

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Gradus is a member of NBS Plus, providing a comprehensive library of pre-written specifications supported by guidance notes. The NBS specification for AK52 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 Fax: 01625 433939  
Website: [www.gradus.com](http://www.gradus.com) Email: sales@gradus.com

**Reference:** AK52 with Xtra-grip Plus Insert

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

**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); Sandstone (LRV: 46.83); Citrine (LRV: 49.97); Air (LRV: 43.58); Prairie (LRV: 45.84); Calcite (LRV: 66.51) (select as required)

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

**Reference:** AK52 with Xtra-grip Insert

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

**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); Pumice (LRV: 46.83); Ochre (LRV: 49.97); Surf (LRV: 43.58); Bamboo (LRV: 45.84); Frost (LRV: 66.51) (select as required)

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

**Reference:** AK52 with Interior Insert - Standard

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

**Colour:** Burgundy (LRV: 5.70), Buttercup (LRV: 55.54), Canvas (LRV: 53.27), Cloud (LRV: 28.57), Coffee (LRV: 6.05), Evergreen (LRV: 6.69), Glacier (LRV: 42.09), Ink (LRV: 4.96), Jet (LRV: 4.56), Lead (LRV: 12.77), Linen (LRV: 38.59), Midnight (LRV: 6.56), Ocean (LRV: 8.00), Photoluminescent (LRV: 57.59; suitable for channels with a 50mm insert or less), Poppy (LRV: 10.39), Snowdrift (LRV: 83.77), Steel (LRV: 26.99) (select as required)

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

**Reference:** AK52 with Interior Insert - Grained

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

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

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

**Reference:** AK52 with Exterior Insert

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

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

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

### Gradus & NBS Specifications

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AK52 Aluminium Stair Edging

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#### Gradus Detailed Specification

**Manufacturer:** Gradus Accessories, Park Green, Macclesfield, Cheshire, SK11 7LZ.

Tel: 01625 428922 Fax: 01625 433939

Website: [www.gradus.com](http://www.gradus.com) Email: sales@gradus.com

**Reference:** AK52

**Gauge:** 2mm for use with resilient floorcoverings

**Tread Dimension:** 85mm

**Riser Dimension:** 32mm

**Channel:** Mill finished aluminium channel with double, slip-resistant inserts

**Profile Shape:** Rake Back

**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); Sandstone (LRV: 46.83); Citrine (LRV: 49.97); Air (LRV: 43.58); Prairie (LRV: 45.84); 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); Pumice (LRV: 46.83); Ochre (LRV: 49.97); Surf (LRV: 43.58); Bamboo (LRV: 45.84); Frost (LRV: 66.51)

or

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

or

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

or

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:** TA5B, TA42

**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, AK52 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.