

# Baumit N

## Hammer In Fixing



- **Steel fixing nail with co-moulded head**
- **Quick installation, pre-assembled fixing and nail**
- **Extended shaft expansion zone for enhanced fit**

### Product Overview

The nailed-in anchor Baumit N consists of an anchor sleeve with an enlarged shaft, spreading zone subsequently, The serrated expanding part of the anchor sleeve is slotted.

### Composition

An insulation plate made of virgin polyamide or virgin polyethylene and an accompanying specific nail of galvanised steel with an overmoulding of polyamide.

### Properties

Approved for all usage categories (A, B, C, D, E).  
Sturdy steel nail (break-proof).  
Optimal plate retraction behaviour.  
Reduction of thermal bridges through plastic overmolding.  
Safe, problem-free installation.  
Can be combined with dowel plate VT 90 and dowel plate SBL 140 plus.

### Application

For statically relevant and constructive fastening flush with the surface of insulation boards (EPS, Mineral Wool, Phenolic, Wood Fibre and XPS) or Baumit insulation composite systems into concrete or masonry.

### Technical Data

CHI-value: 0.001 W/K  
European technical approval ETA: ETA-17-0078  
Type: Steel fixing nail with co-moulded head

	95 mm	115 mm	135 mm	155 mm
Dowel shank diameter	8 mm	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm	60 mm

	175 mm	195 mm	215 mm	235 mm
Dowel shank diameter	8 mm	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm	60 mm

	255 mm	275 mm	295 mm
Dowel shank diameter	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm

### Storage

The anchors must be stored under normal climate conditions and in the box provided. They must not be frozen before installation.

### Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

### Classification according to the Chemicals Act

Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and -Council from 18.12.2006) at [www.baumit.com](http://www.baumit.com) or request the Safety Data Sheet at the respective production plant.

<b>Substrate</b>	For all types of Masonry substrates.
<b>Processing</b>	<p>The borehole must be drilled perpendicular to the surface of the anchoring base. The choice of drilling equipment and drilling method depends on the substrate and must be determined accordingly (drill holes in masonry made of vertically perforated bricks, lightweight concrete solid blocks and hollow blocks made of lightweight concrete, prefabricated reinforced components made of lightweight aggregate concrete (LAC), and aerated concrete may only be drilled using a rotary drilling machines. Deviations from this rule are permitted only if the influence of percussion or hammer rilling on the anchor load-bearing behaviour is assessed through on-site tests).</p> <p>The drill hole must exceed the anchoring depth by at least 10mm.</p> <p>The drilling dust must be removed from the borehole.</p> <p>The dowel is driven in slightly flush with the insulation using a hammer.</p> <p>If the anchor does not pull properly due to the nature of the substrate, it must be removed and replaced next to it.</p> <p>The correct dowel length depends on the anchoring depth, the thickness of the old plaster, the thickness of the adhesive layer and the thickness of the insulation.</p>
<b>Notes and General Information</b>	<p>For other wall building materials outside the defined properties according to ETA-17/0078, pull-out tests must be carried out.</p> <p>The statically relevant number of fixings per m<sup>2</sup> is determined according to the wind load standard DIN EN 1991-1-4 or can be found in the Baunit system approvals. Contact Baunit technical team for further guidance.</p> <p><b>Do not apply at wall and air temperatures below +5 or above +30 . The data sheets and guidelines applicable to “external thermal insulation systems,” e.g., those of the association for insulation systems, render and mortar (VDPM), the Federal Association for Building and Facade Construction (BAF), the Federal Committee for Paint and Material Protection (BFS), among others, in their currently valid versions, as well as the special provisions of the “General Building Inspectors Approvals” (ABZ).</b></p> <p><b>If you require further information on this material or its processing, our technical team will be happy to provide you with detailed, project-specific advice.</b></p>

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