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PRODUCT DATASHEET

ZAMAC METAL NAIL IN ANCHOR

Product Details

Designed for: *Fixing brick ties, drywall track, insulation brackets, signage and many more materials to concrete, solid brickwork and stone*

Head style: *Flat*

Coating: *Clear zinc passivated*

Material: *Zamac 4*

Drill diameter: *6.0mm*

Pilot hole: *6.0mm*

Min. drill depth: *30.0mm*

Zamac metal nail in anchor

Product Code	Size
AMN640	6.0 x 40.0mm

Technical Data

Hardness Rating (Vickers scale)		
Diameter	Surface Hardness	Core Hardness
6.0mm	136.0 HV0.3	115 HV0.3

Ultimate Mechanical Performance		
Diameter	Tensile Strength	Shear Strength
6.0mm	2.4kN	1.6kN

Ultimate Pull Out Value	
Part Number	Concrete grade
AMN640	C35
	4.4kN

NOTE: The results expressed in the datasheet are taken as mean loads from a range of empirical tests and are ultimate unfactored loads. Each specifier or end user should make his/ her own decision on what safety factors to use relevant to their design application (such as BS 5950, EN 1991, etc).

Errors and Omissions Excepted.

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ABOUT OUR TESTING



All test results were derived from empirical testing performed by ETAS (Evolution Testing & Analytical Services), a UKAS (United Kingdom Accreditation Service) accredited testing laboratory (Accreditation No. 7485). The following tests were performed to the following standards.



7485

Testing Procedures

Test/ Parameter	Standard/ Method/ Procedure
Ultimate Tensile	ISO 6892-1: 2009 <i>"Metallic materials – tensile testing – Part 1: Method of test at room temperature".</i>
Ultimate Shear	MIL-STD-1312-13 <i>"Military Standard: Fastener test method (Method 13) Double shear test".</i>
Pull Out (Withdrawal Force)	EN 14566: 2009 <i>"Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".</i>
Pull Over	EN 14592: 2008 <i>"Timber structures. Dowel type fasteners. Requirements".</i>
Hardness	ISO 650 7-1: 2005 <i>"Metallic materials – Vickers hardness test – Part 1: Test method".</i>
Corrosion Resistance	EN ISO 9227: 2012 <i>"Corrosion tests in artificial atmospheres. Salt spray tests".</i>
Drilling Time Test	EN 14566: 2009 <i>"Mechanical fasteners for gypsum plasterboard systems. Definitions, requirements and test methods".</i>

Laboratory Contact Details

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