

BSZ-SU Concrete Screw, Atlantis, 10 mm Drill Bit Diameter, 120 mm Screw

CATALOG NUMBER

BSZSU10120ZL

FEATURES

Fire resistance class R30-R120 for design of anchorages under exposure to fire

ETA assessed for anchoring in cracked and non-cracked concrete

Approved for use in seismic design category C1 (all sizes)

Approved for use in seismic design category C2 (for Drill Bit Diameters 8 mm and greater)

Removable anchor is ideal for temporary fixings

Atlantis finish has superior corrosion protection (up to C3 environment according to EN ISO 9223 & 9224)

Atlantis finish is suitable for outdoor installation



PRODUCT ATTRIBUTES

Article Number: 402620

Material: Steel

Finish: Atlantis

Drill Bit Diameter: 10mm

Screw Length (L): 120mm

Embedment Depth: 85 mm

A: 35 mm

Torque (TQ): 30 N·m

Characteristic Axial Loads from ETA-20/0046

Part Number	Cracked Concrete C20/25	Non-Cracked Concrete C20/25	Standard Embedment Depth
BSZSU06040xx	1.81 kN	1.98 kN	35 mm
BSZSU06050xx	1.81 kN	1.98 kN	35 mm
BSZSU08070xx	5.88 kN	8.41 kN	65 mm
BSZSU10100xx	8.99 kN	12.85 kN	85 mm
BSZSU10120xx	8.99 kN	12.85 kN	85 mm
BSZSU12110xx	12.51 kN	17.87 kN	105 mm

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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