

# 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

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