

The High Performance Universal Anchor

Suitable for Concrete, no fines concrete, concrete block work, solid and hollow brick. Particularly where weaker layers cover the substrate.

**Features**

- Metal drive screw with nylon sleeve.
- Available in A4 stainless and zinc plated carbon steel.
- Polyamid sleeve for high impact strength and durability.
- SDF-KB: Collar version for clamping metal section.
- SDF-S: countersunk version for fixing timber.
- Universal Anchor – suitable for a variety of substrates.
- Simple installation.
- Engineered sleeve provides optimum resistance to rotation.
- High bending moment.
- Wide range of lengths from: 80,100, – 360mm.
- FMPA Approved facade anchors.

Application Detail

- SDF-KB, 17mm Hex drive.
- SDF-S, T40 Torx drive.
- Hole diameter: 14mm.
- Embedment: 70mm.
- Hole depth: $\geq 80\text{mm}$.
- Minimum thickness of concrete: $\geq 120\text{mm}$.
- Minimum centre distance, concrete: $\geq 150\text{mm}$. $\geq 100\text{mm}$.
- (Per bracket.)
- Minimum centre distance, concrete: $\geq 50\text{mm}$.
- (ie. Two anchors per bracket.)
- Minimum edge distance, concrete: $\geq 100\text{mm}$. $\geq 60\text{mm}$.

Calculated Loads

Maximum allowable bending moment – A4 stainless 24.7Nm
– Carbon steel 26.3Nm

Maximum allowable loads for pullout,
transverse and diagonal pullout.

For concrete with hardness grade B15: 1.8kN 1.2kN
(Based on the above centre and edge distances per bracket.)

Expected Ultimate Load

For dense concrete in excess of: 12.5kN

We recommend confirmation by on-site testing.

For Further Information Please Contact: