

NON SAFETY CRITICAL

KEW UNIVERSAL FRAME ANCHOR

10mm sizes

Hot Dipped Galvanised
Damp, external applications

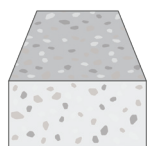
FEATURES & BENEFITS

- Multiple fixings in non structural applications
- Intended working life of 50 years
- Suitable for damp, external applications

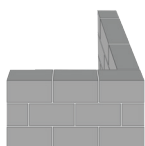
APPLICATIONS/TRADES

- Fixing to concrete, solid & hollow masonry units
- Timber Framing
- Gates, metal brackets
- Door frames, windows, battens

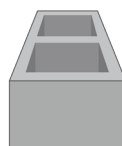
SUBSTRATE SUITABILITY



UNCRAKED
CONCRETE



SOLID & HOLLOW
BRICK



SOLID & HOLLOW
BLOCK



NATURAL
STONE



Washed Hex head
is ideal for timber
applications

KEW®

Nylon sleeve provides
insulation between fixing
screw and substrate

**HOT DIPPED
GALVANISED**

KEW UNIVERSAL FRAME ANCHOR - HEX HEAD

NON SAFETY CRITICAL

RANGE

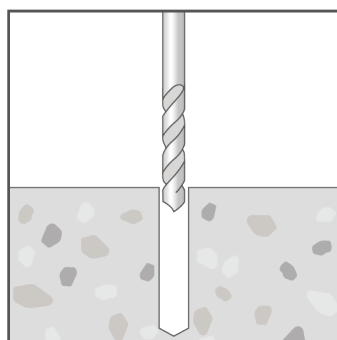


KEW UNIVERSAL FRAME ANCHOR - HEX HEAD

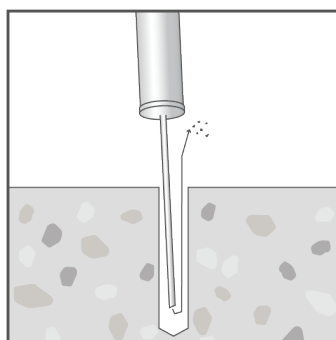
Product Code	Pack Qty	Anchor length (mm)	Maximum fixture thickness (mm)	Drill hole dimensions @ $t_{fix, max}$ (mm)	Socket size AF (mm)
		l_t	$t_{fix, max}$	$d_o \times h_1$	SW
RDDSG100802	50	80	10	Ø10 x 90	13
RDDSG101002	50	100	20		
RDDSG101202	50	120	40		
RDDSG101402	50	140	60		
RDDSG101602	50	160	80		
RDDSG101802	50	180	100		
RDDSG102002	50	200	120		

Note: For a fixture thickness (t_{fix}) that is less than the $t_{fix, max}$ value tabled above:
 - increase both the drill hole depth (h_1) & concrete thickness (h_{min}) by ($t_{fix, max} - t_{fix}$ actual)

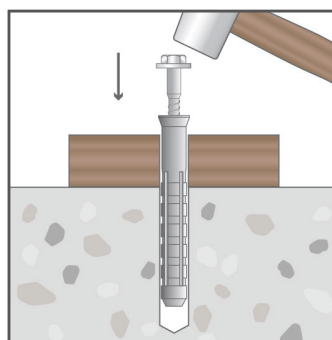
INSTALLATION



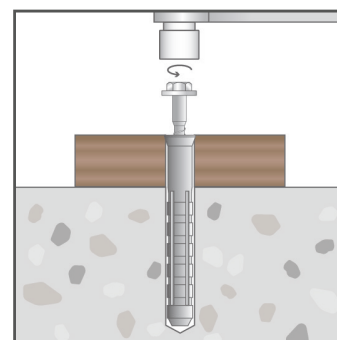
Drill hole into substrate to the specified diameter and depth



Clear hole of drilling debris.



Tap anchor through the fixture into the substrate until all are firmly in contact.



Drive the screw until it is flush with the anchor head using an electric screwdriver to set the anchor.

KEW UNIVERSAL FRAME ANCHOR - HEX HEAD

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PRODUCT INSTALL & PERFORMANCE INFORMATION – CONCRETE

Product Code	Drill hole dimensions @ $t_{fix, max}$ (mm)	Anchor embedment depth (mm)	Minimum concrete thickness (mm)	Recommended Capacities	
				Tensile (kN)	Shear (kN)
				N_{rec}	V_{rec}
All Product Codes in Range	Ø10 x 90	80	115	1.3	1.9

Note: Concrete cylinder compressive strength $\geq 20\text{MPa}$.
 Valid for temperature range 24 °C / 40 °C (maximum air temperature / maximum short-term temperature).
 For combined load cases - must also comply with $(N_{app} / N_{rec}) + (V_{app} / V_{rec}) \leq 1.2$.
 Single anchor - no nearby edge, minimum recommended concrete thickness.
 Refer to ETA document for details.

PRODUCT INSTALL & PERFORMANCE INFORMATION – MASONRY UNITS

Product Code	Drill hole dimensions @ $t_{fix, max}$ (mm)	Anchor embedment depth (mm)	Recommended Capacities	
			Load in any direction (kN)	
			Solid Masonry	Hollow Masonry
	$d_0 \times h_1$	h_{nom}	F_{rec}	F_{rec}
All Product Codes in Range	Ø10 x 90	80	1.3	0.3

Note: Masonry unit compressive strength $\geq 20\text{MPa}$.
 Valid for temperature range 24 °C / 40 °C (maximum air temperature / maximum short-term temperature).
 Refer to ETA document for details of the relevant masonry units.

Important Disclaimer: Capacity information is limited to the simple scope above and is provided to enable a relative comparison within and across product ranges. Please contact Bremick to enable an anchoring solution to be optimised for your particular anchoring application.