

Nylon Door Frame Anchor

KDF-PRO ANCHOR

BASE MATERIALS

- Concrete
- Solid Brick
- Honeycomb Brick
- Cell like Clay Brick
- Hollow Light Aggregate Block
- Aerated Concrete
- Solid Stone

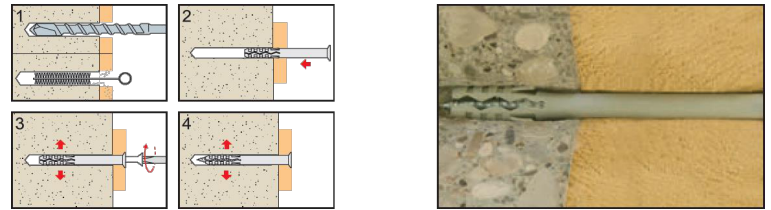
APPLICATIONS & FEATURES

- Door & Window Frames
- HVAC Applications
- Wet & dry wall clamps
- Safety Grills & Railings
- Maximum Versatility
- Low Torque needed during expansion
- High Resistance in Lesser Embedment Depth

ADVANTAGES

- Tested in wide range of Base Materials
- Can also be fixed by Hand
- Excellent Keying & Friction
- Guaranteed Safety
- Optimal expansion is guranteed preventing rotation & slipping in the hole

INSTALLATION PROCEDURE



Product Description	Code	Plug Ø x L	Screw Ø x L	Fixing Thickness max	Box Qty
KDF-PRO 8x80	KDF08080	8x80	5.0x80	25	100
KDF-PRO 8x100	KDF08100	8x100	5.0x100	45	100
KDF-PRO 8x120	KDF08120	8x120	5.0x120	65	100
KDF-PRO 8x140	KDF08140	8x140	5.0x140	85	100
KDF-PRO 10x100	KDF10100	10x100	6.5x100	40	100
KDF-PRO 10x120	KDF10120	10x120	6.5x120	60	100
KDF-PRO 10x140	KDF10140	10x140	6.5x140	80	100
KDF-PRO 10x160	KDF10160	10x160	6.5x160	100	100

Single anchor with large anchor spacing and edge distances

1 KN = 100 Kgs

Anchor			Ø 8	Ø 10	
Minimum support thickness	h_{min}	mm	100	100	
Minimum hole depth in base material	h_l	mm	45	50	
Nominal embedment depth	h_{nom}	mm	40	45	
Hole diameter	d_o	mm	8	10	
Concrete C20/M25	Tensile	N_{rd}	KN	1.70	1.80
		N	KN	1.20	1.30
	Shear	V_{rd}	KN	1.70	2.10
		V	KN	1.20	1.50
Cell like Clay Brick	Tensile	N_{rd}	KN	0.17	0.21
		N	KN	0.12	0.15
	Shear	V_{rd}	KN	0.21	0.28
		V	KN	0.15	0.20
Hollow Clay Brick Double UNI	Tensile	N_{rd}	KN	0.35	0.50
		N	KN	0.25	0.35
	Shear	V_{rd}	KN	1.10	1.40
		V	KN	0.80	1.00
Spacing	S	mm	100	100	
Edge Distance	C	mm	100	100	