

KWB POST-INSTALLED CAVITY WALL FIXINGS

Post-installed cavity wall for subsequent facing and insulation of existing masonry, to be used in conjunction with expansion plug.



Product information

Features and benefits

- KWB anchor always can be used with expansion plug KRK or NKRK
- V4A high grade stainless steel wall tie for fixing in masonry facing with or without insulation
- Due to the wave at the end of anchor the processing time is reduced.
- Embedment into outer leaf 50 mm (wavy end)
- Due to the wavy end there is no need to bend it into the outer leaf

Applications

- Cavity walls

Base materials

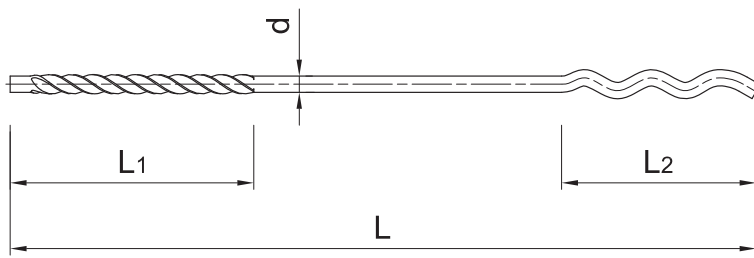
Suitable for use in

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Brick
- Hollow Sand-lime Brick
- Vertically-perforated Clay Block
- Hollow Lightweight Concrete Block
- Lightweight Concrete Block
- Aerated Concrete Block

Installation guide

1. Drill a hole of required diameter and depth
2. Lightly tap the KWB anchor with expansion plug through the insulation material into hole with a hammer, until fixing depth is reached
3. In solid material use KRK expansion plug (6x38) which is recommend for 4mm diameter wall tie.
4. In hollow material use NKRK expansion plug (8x60) which is recommend for 4mm diameter wall tie.

Product information



Product Code	Diameter	Length			Wall distance	Fixture	
	d	L	L1	L2		Max. thickness	
						t _{fix} A, B	t _{fix} C, D, E
[mm]							
KWB-4/160	4	135	35	50	4	5	-
KWB-4/180	4	155	35	50	4	15	5
KWB-4/210	4	185	35	50	4	55	35
KWB-4/250	4	225	35	50	4	95	75
KWB-4/275	4	250	35	50	4	120	100
KWB-4/300	4	275	35	50	4	145	125
KWB-4/350	4	325	35	50	4	195	175
KWB-4/400	4	375	35	50	4	245	225

Installation data

Substrate			A, B	C, D, E
Hole diameter in substrate	d ₀	[mm]	6	8
Min. hole depth in substrate	h ₀	[mm]	45	65
Min. installation depth	h _{nom}	[mm]	38	60
Min. substrate thickness	h _{min}	[mm]	60	80
Min. spacing	s _{min}	[mm]	300	300
Min. edge distance	c _{min}	[mm]	150	150
Combined products			KWB + KRK	KWB + NKRK
ANCHOR				
Diameter	d	[mm]	4	4
PLUG				
Diameter	d	[mm]	6	8

Product commercial data

Product Code	Diameter [mm]	Length [mm]		Quantity [pcs]			Weight [kg]			Bar Codes
				Box	Outer	Pallet	Box	Outer	Pallet	
KWB-4/160	4	135	35	500	500	72500	3.2	3.2	494.0	5906675232423
KWB-4/180	4	155	35	500	500	72500	7.5	7.5	1114.3	5906675232522
KWB-4/210	4	185	35	500	500	50000	9.0	9.0	932.8	5906675232621
KWB-4/250	4	225	35	500	500	50000	10.6	10.6	1093.8	5906675232720
KWB-4/275	4	250	35	500	500	47500	12.1	12.1	1176.5	5906675232829
KWB-4/300	4	275	35	500	500	47500	13.0	13.0	1265.4	5906675232928
KWB-4/350	4	325	35	250	250	25000	7.8	7.8	805.7	5906675242026
KWB-4/400	4	375	35	250	250	20000	9.1	9.1	758.8	5906675242224