

PRODUCT DESCRIPTION

KWIK KSF-PRO WCTM Sanitary Fixing Anchor

The **KSF-PRO WC**TM is a sanitary fixing anchor designed for easy installation of sanitary wares into a wide range of materials including autoclaved aerated concrete (AAC), plain cement concrete (PCC), reinforced cement concrete (RCC) & other substrates. Available with either mild steel with galvanized zinc plated or stainless steel finish options. The anchor includes a PVC plug, rubber gasket with collar, washer, hex nut & dome nut with chrome finish ensuring neat, professional look with no rework on tilework.

FEATURES

- High performance in almost all base materials
- Flexibility for better expansion
- Anti-rotation plug with tight grip
- Maximum Versatility
- Ease for insertion in misaligned holes

ADVANTAGES

- Excellent Keying & Friction
- Optimal expansion is guaranteed preventing rotation & slipping in the hole
- Easy installation with spanner on the screw

APPLICATIONS

- Wall mounted Water Closet
- Storage & Warehousing Racks
- Wall Units
- Furniture Components
- Plumbing Fittings

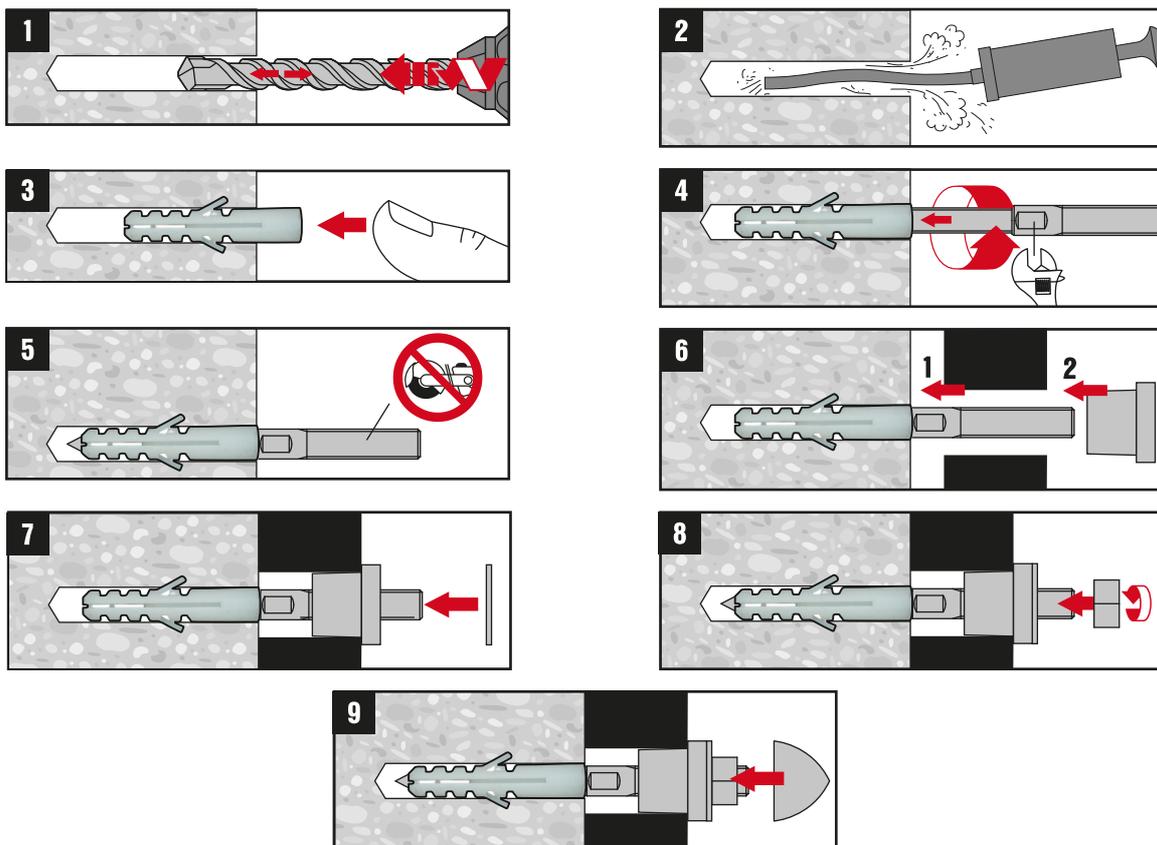
BASE MATERIALS

- Concrete (PCC & RCC)
- Solid Stone
- Autoclave Aerated Concrete (AAC)
- Clay Bricks



KWIK KSF-PRO WCTM
SANITARY FIXING
ANCHOR

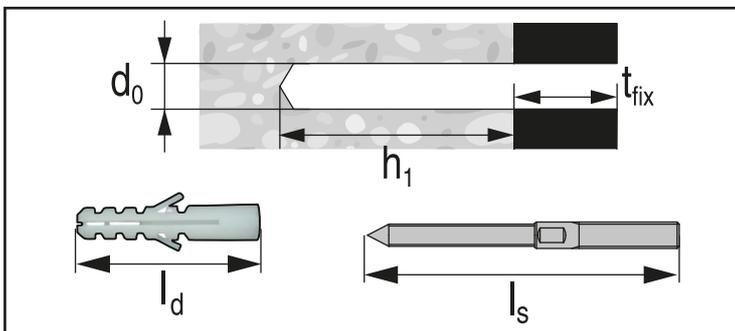
INSTALLATION PROCEDURE



INSTALLATION PARAMETERS & RECOMMENDED LOAD DETAILS

Anchor				Ø 15	
Minimum support thickness	h_{min}	mm	100		
Minimum hole depth in base material	h_1	mm	≥ 90		
Effective embedment depth	h_{ef}	mm	70		
Hole diameter	d_o	mm	20		
Plug Length	l_d	mm	77		
Anchor Length	l_s	mm	165 / 190 / 225 / 275 / 300		
Spacing	S_{min}	mm	100		
Edge Distance	C_{min}	mm	60		
Fixture Thickness	T_{fix}	mm	60		
Torque moment	Concrete & Masonry	T_{inst}	Nm	15	
	Autoclaved Aerated Concrete (AAC)	T_{inst}	Nm	5	
Concrete C20/M25	Density [kg/dm ³] ≥ 2.3	Tensile	N_{rk}	KN	2.00
			N_{rec}	KN	1.00
		Shear	V_{rk}	KN	8.00
			V_{rec}	KN	4.00
Autoclaved Aerated Concrete (AAC2)	Density [kg/dm ³] ≥ 0.35	Tensile	N_{rk}	KN	1.00
			N_{rec}	KN	0.50
		Shear	V_{rk}	KN	2.40
			V_{rec}	KN	1.20

1KN = 100Kgs



$$\frac{N_{rk}}{\gamma_M \cdot \gamma_F} = N_{rec}$$

Recommended loads are based on the simplified design method and are valid for one anchor without spacing and edge influence. For Design loads multiply by the factor γ_F .