











27.1 GENERAL INFORMATION

PERFORMANCE	MATERIAL	INSTALLATION RELATED
	 	      

Product

The ShureDrive™ Anchor is a light duty, impact setting interference fit anchor.

Benefits, Advantages and Features

Convenient:

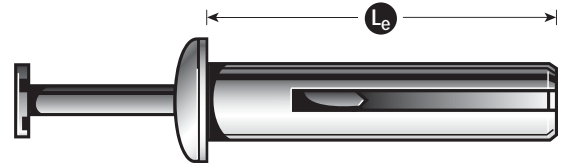
- Simply insert through fixture and hammer in.

Economical:

- Zinc body and Zinc Plated nail.

Secure:

- Tamper resistant head style.

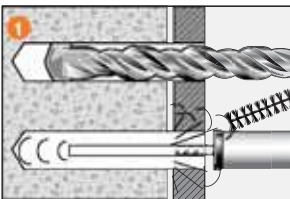


Principal Applications

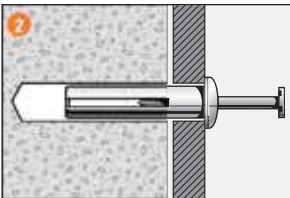
- Galvanised brick ties.
- Signs.
- Switch boxes.
- Shelf brackets.

Mechanical Anchoring

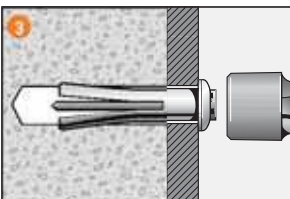
Installation



1. Drill hole to correct diameter and depth. Clean thoroughly with brush. Remove debris by way of vacuum or hand pump, compressed air etc.



2. Insert ShureDrive™ into hole through fixture until head is tight against fixture.



3. Drive home expansion nail with hammer.

These anchors are not recommended for structure critical applications and are typically used for simple fixing and finishing applications. Their capacity information is therefore presented in simple Working Load Limit format.

Installation and Working Load Limit performance details

Anchor size, d_b (mm)	Installation details			Minimum dimensions		Working Load Limit (kN)		
	Drilled hole diameter, d_h (mm)	Fixture hole diameter, d_f (mm)	Anchor effective depth, h (mm)	Edge distance, e_c (mm)	Anchor spacing, a_c (mm)	Shear, V_s	Tension, N_a	
							Concrete compressive strength, f'_c	
5	5	6	19	20	30	1.0	0.8	0.80
6	6	7	25	24	36	1.4	1.0	1.0

27.2 DESCRIPTION AND PART NUMBERS

Anchor size, d_b (mm)	Effective length, L_e (mm)	Part No.	
		Zn	S/S
5	22	SDM05022	-
6	30	SDM06030	SDM06030SS
	50	SDM06050	-

Effective depth, h (mm)

$$h = L_e - t$$

t = total thickness of material(s) being fixed