FORTRESS FASTENERS

PRO-PAK©

TECHNICAL DATA SHEET

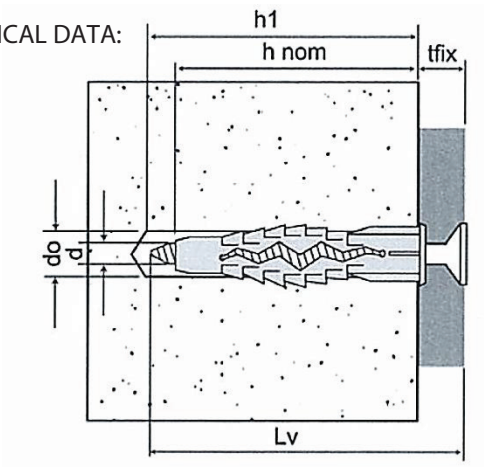
MANUFACTURING SUPPLIERS LTD
560 Rosebank Road, Avondale, New Zealand
Ph: 0800 42 52 62 www.fortressfasteners.co.nz

UNIVERSAL NYLON PLUG

CODE: PROCFUP-SIZE-QTY

Fortress Pro-Pak Universal Nylon Plug is a unique fixing suitable for use in all base materials from hollow block to solid concrete to plasterboard. The Universal Nylon Plug offers unrivalled performance in both the DIY and commercial construction marketplace

TECHNICAL DATA:



do = hole diameter

d = screw diameter

h1 = minimum hole depth

L = anchor length

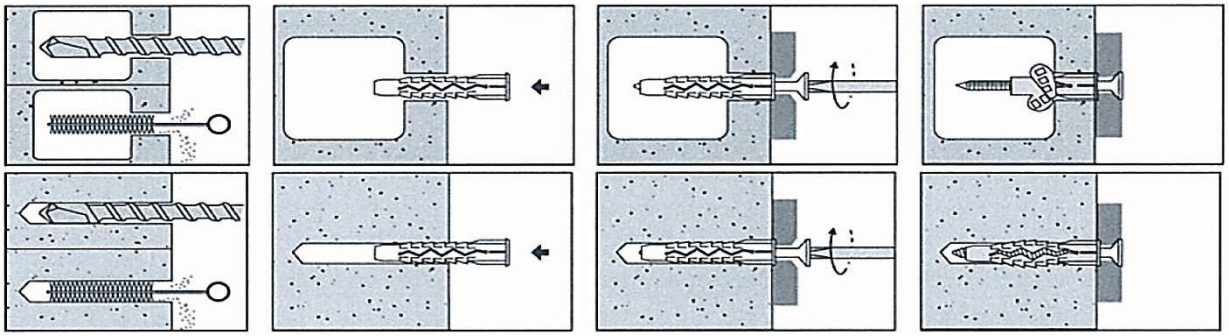
Lv = screw length

h nom = nominal embedment depth

tfix = fixing thickness

Product Size do x L	tfix (mm)	hnom (mm)	h1 (mm)	Lv (mm)	d (mm)	Material
Ø6 x 33	5	33	50	45	4.5	Nylon Pa6
Ø8 x 52	5	52	65	60	5	Nylon Pa6

INSTALLATION GUIDE – Recommended installation procedure for both hollow and solid base materials



RECOMMENDED LOADS AND SPACINGS (1kN = 100kgf)

			Ø6 x 33	Ø8 x 52
Hollow Block	Tensile	kN	0.15	0.30
	Shear	kN	0.35	0.35
Solid Base	Tensile	kN	0.25	0.60
	Shear	kN	0.45	0.80
Edge Distance		mm	50	80
Plug Spacing		mm	50	70
Max Torque		Nm	4	5