

## PX UNIVERSAL PLUGS

### PRODUCT DESCRIPTION

- Nylon universal fixing
- Expansion in solid building materials, reliable knot formation in all hollow building materials
- The special design, made up of four sturdy sectors, assures optimum performance on any support
- Elastic stop collar prevents the plug from slipping in the hole
- Rugged lateral ribs prevent anchor rotation



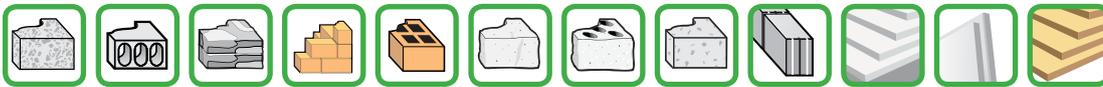
### GENERAL APPLICATIONS AND USES

General light duty fittings including:

- Pictures
- Skirting
- Curtain rails
- Motion sensors



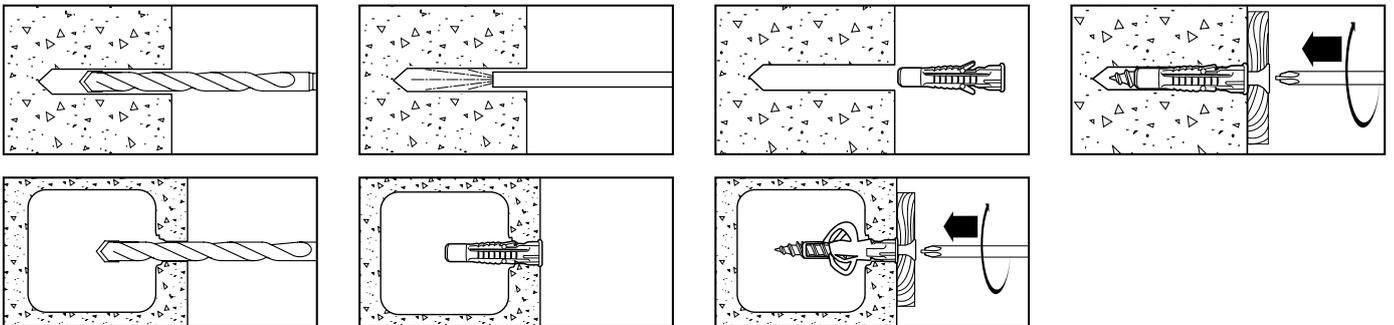
### BASE MATERIAL: UNIVERSAL



Cat No.	Description	Length [mm]	Rec. Screw Dia.* [mm]	Drill Dia. [mm]	Box Quantity	Carton Quantity
DFM3460000	PX 6 x 35 - Universal Plug	35	4	6	1x100	12x100
DFM3460050	PX 8 x 50 - Universal Plug	50	4.5	8	1x100	12x100
DFM3460100	PX 10 x 60 - Universal Plug	60	5	10	1x50	12x50

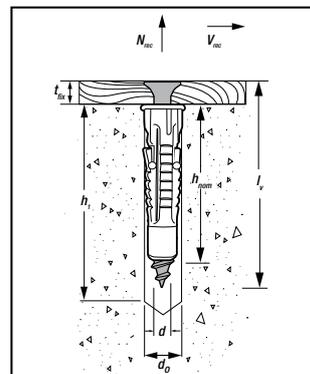
\*Screws are not included

### INSTALLATION INSTRUCTIONS



### RECOMMENDED LOAD

Description	$h_{nom}$ [mm]	$h_1$ [mm]	20/25 Concrete $N_{rec}$ [kN]	AAC $N_{rec}$ [kN]
PX 6 x 35	35	45	0.20	0.03
PX 8 x 50	50	60	0.39	0.03
PX 10 x 60	60	70	0.63	0.03



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

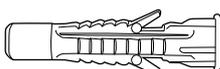
$$\gamma_M = 2.1 \quad \gamma_F = 1.4$$

Recommended loads are based on the simplified design method according to ETAG 001, Annex C and are valid for one anchor without spacing and edge influence. For Design loads multiply by the factor  $\gamma_F$ .

#### Calculation of Screw Length

$$l_v = t_{fix} + h_{nom} + 5mm$$

### MATERIAL SPECIFICATION



Material	Color
Polyamide (Nylon)	Grey RAL 7035