UNI-XP

Installation in drywall

How to:

1

Drill through the board with an HSS drill bit.

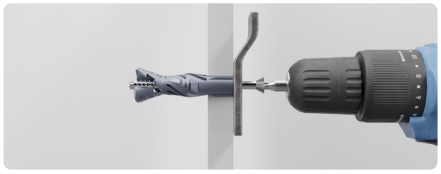
2

Hammer the UNI-XP in until it is flush with the material.

3

Use a screw based on the recommendations. The screw must be installed all the way in.

4



When the screw is tightened, the UNI-XP contracts and forms a knot behind the board and secures the installation.

5

Installation is done.

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Always use a chipboard screw that is at least 5 mm longer than the UNI-XP plus the workpiece.

APPLICATION

Expanded UNI-XP for installation in all building materials: Solid bricks, hollow bricks, concrete, aerated concrete, Leca, drywall, and other plaster boards.

MATERIAL

Expandet UNI-XP is produced in material Nylon PA6.

FEATURES & BENEFITS

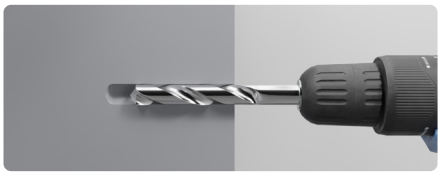
- Effective for lighter installation in drywall and other plaster boards.
- Easy installation – no special tools required
- Strong fins prevent rotation during installation
- Effective in porous materials and hollow bricks
- High pull-out strength in solid materials such as concrete and solid brick

Installation in other materials

UNI-XP

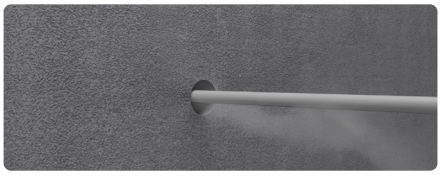
How to:

1



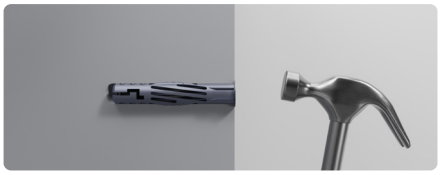
Drill a hole with the correct diameter and depth. Use an HSS drill bit in aerated concrete and Leca®. In hollow bricks, drill without hammer action.

2



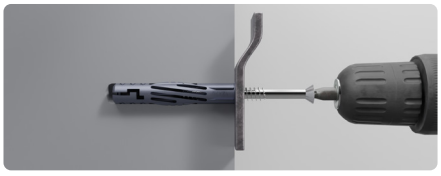
Clean the drilled hole thoroughly.

3



Hammer the UNI-XP in until it is flush with the material.

4



Install the recommended screw.

5

Installation is done.

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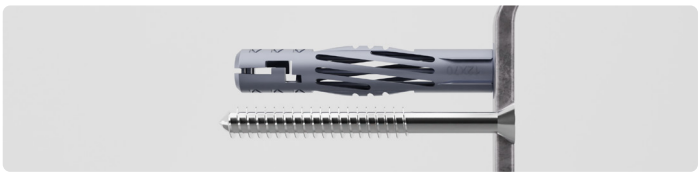

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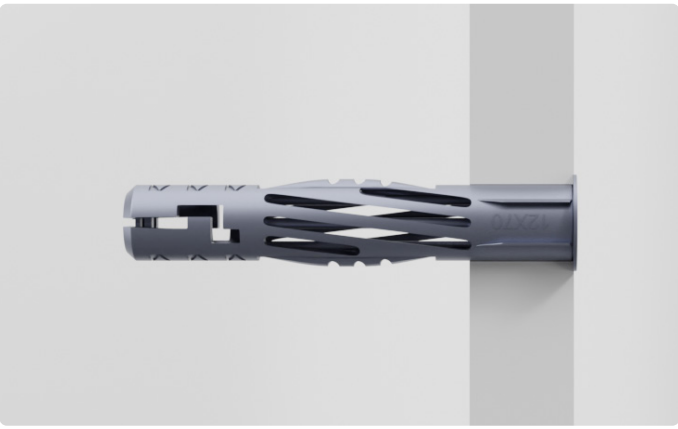
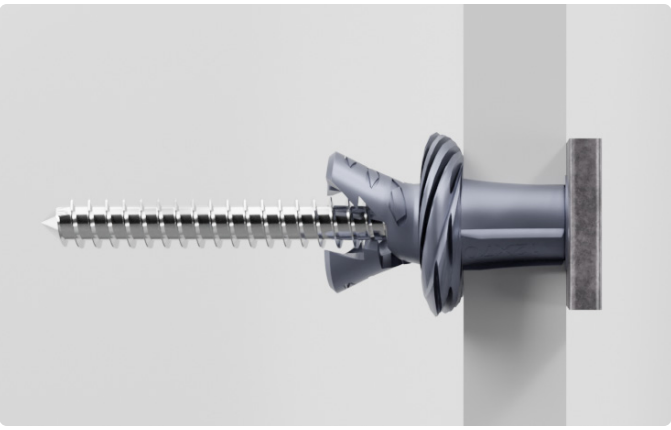
Installation in drywall

UNI-XP



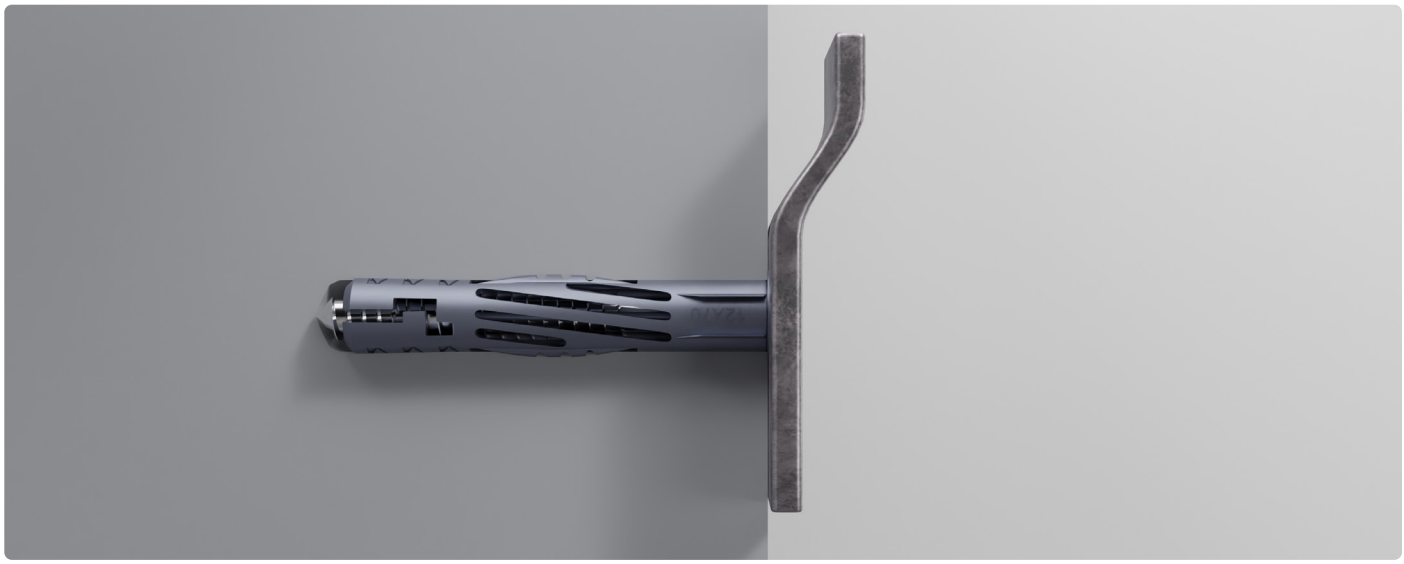


Type	Dimension		Installation			Load capacity	
	d_{nom}	L	d_0	d	h	F_{rec}	F_{rec}
Expandet UNI-XP	Diameter (mm)	Anchor length (mm)	Drill diameter (mm)	Screw diameter (mm)	Material thickness (mm)	Recommended load capacity[1] Drywall, 1 layer (12 mm) (kN)	Recommended load capacity[1] Drywall, 2 layer (26 mm) (kN)
6 x 35	6	35	6	4,0	9 - 26	0,10	0,10
6 x 50	6	50	6	4,0	9 - 26	0,12	0,12
8 x 50	8	50	8	4,5 - 5,0	12 - 26	0,12	0,12
10 x 60	10	60	10	6,0	12 - 26	0,12	0,12

1) Recommended load capacity for a single anchor, regardless of load direction. 1 kN ≈ 100 kg

Installation in other materials

UNI-XP



Type	Dimension		Installation		
	d_{nom}	L	d_0	d	h_1
Expandet UNI-XP	Diameter (mm)	Anchor lenght (mm)	Drill diamter (mm)	Screw diameter (mm)	Drill depth min. (mm)
6 x 35	6	35	6	4,0 - 5,0	45
6 x 50	6	50	6	4,0 - 5,0	65
8 x 50	8	50	8	5,0 - 6,0	65
10 x 60	10	60	10	6,0 - 8,0	70
12 x 70	12	70	12	10,0	80

Type	Load capacity				
	F_{rec}	F_{rec}	F_{rec}	F_{rec}	F_{rec}
Expandet UNI-XP	Recommended load capacity[1)] Aerated concrete P4 [a)] (kN)	Recommended load capacity[1)] Hollow brick [b)] (kN)	Recommended load capacity[1)] Concrete (kN)	Recommended load capacity[1)] Leca [d)] (kN)	Recommended load capacity[1)] Solid brick [e)] (kN)
6 x 35	0,13	0,20	0,35	-	0,20
6 x 50	0,30	0,30	0,55	-	0,45
8 x 50	0,50	0,69	1,08	0,37	1,10
10 x 60	0,69	1,10	2,76	0,40	1,40
12 x 70	1,00	1,43	3,40	0,55	1,65

1) Recommended load capacity applies with the largest recommended screw regardless of load direction.
a) UNI-XP 6 and 8 mm recommended minimum edge distance: 40 mm. UNI-XP 10 and 12 mm recommended minimum edge distance: 70 mm.
b) UNI-XP 10 and 12 mm recommended minimum edge distance: 100 mm
d) UNI-XP 6 and 8 mm recommended minimum edge distance: 40 mm. UNI-XP 10 and 12 mm recommended minimum edge distance: 60 mm.
e) UNI-XP 10 and 12 mm recommended minimum edge distance: 100 mm