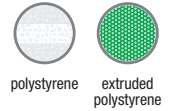


Vorpa VPL

Insulation panels fixings



products group



VPL

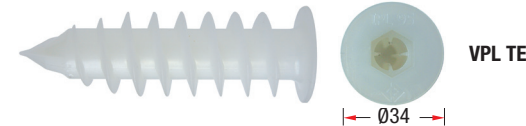
Ø25

Suitable for

- polystyrene panels
- extruded polystyrene
- heat insulating and soundproofing panels

To fix

- plumbing and light flues
- external wall lighting
- shop-signs and traffic-signs
- postboxes



VPL TE

Ø34

Ideal for applications on compact masonry covered by heat insulating panels and rigid insulation materials whose minimum thickness is 50 mm.

product information

Characteristics

- nylon light fixing to be used on masonry covered by rigid insulating panels
- made of chemical agents resistant and paintable nylon
- easy and quick installation by T40 bit or hexagonal head screw M8
- no need to pre-drill
- ideal also for applications on ETICS systems
- ideal to fix rigid insulation materials whose minimum thickness is 50mm
- possibility to remove the object to maintenance without compromise the anchoring resistance
- the fixing material prevents the thermal bridge phenomenon, avoiding heat waste

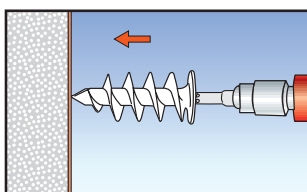
Installation

- to be mounted aligned with the insulation panels by screwing and without pre-drilling

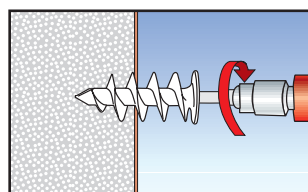
Suggestion for use

- in order to prevent the seepage of water in the insulation material, the plug's edge must be sealed with acrylic sealant or silicone after the installation has been completed
- when VPL fixing is mounted with the insulation panels, the object to be fixed must be anchored by:
 - VPL: frame screw Ø4,5 or Ø5,5 mm
 - VPL TE: metrical screw M8 and Ø8 and Ø10 mm

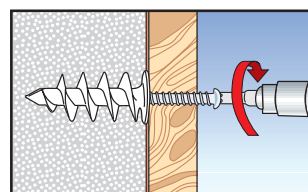
installation sequence



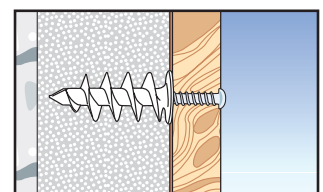
Point the fixing on the masonry



Screw by using a drill without pre-drilling



Screw the frame screw inside VPL fixing



Installation completed

Examples of applications

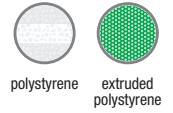


Examples of applications VPL TE



Vorpa VPL

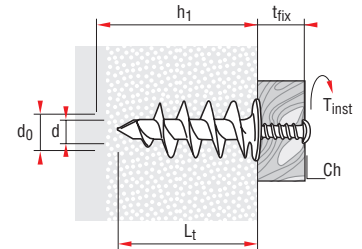
Insulation panels fixings



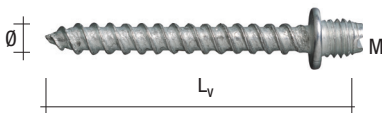
product code and technical data



Code	Description	L _t mm	Screw length	For screw Ø mm	IS-penetration of screw min-max mm	S mm
4520	VPL 50 TX40	50	IS + T _{fix}	4,5 - 5,5	25-45	≥ 50
4521	VPL 60 T4X0	60	IS + T _{fix}	4,5 - 5,5	30-50	≥ 60
4523	VPL 85 TX40	85	IS + T _{fix}	4,5 - 5,5	55-70	≥ 85
4517	VPL 120 TX40	120	IS + T _{fix}	4,5 - 5,5	70-100	≥ 120
4518	VPL 150 T4X0	150	IS + T _{fix}	4,5 - 5,5	100-130	≥ 150
4519	VPL 180 TX40	180	IS + T _{fix}	4,5 - 5,5	100-160	≥ 180



- L_t = Anchor length
- T_{fix} = Fixture thickness
- S = Insulation material thickness
- d_v = Screw diameter
- L_v = Screw length



Code	Description	d _v x L _v mm	Thread	To be used on
92224	Vite M6x40	4,5x40	M6	VPL
92273	Vite M8x40	5,5x40*	M8	VPL TE

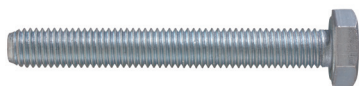
* to be used with minimum density 35 kg/m³



Code	Description	L _t mm	Screw length mm	For screw Ø mm	IS-penetration of screw min-max mm	S mm	Bit
4522	VP L 95 TE	95	IS + T _{fix}	Hex head screw M8 wood screw Ø8-Ø10	50-80	≥ 100	hex head spanner 13

One hex head bolt M8x50 is included in each box

Accessories VPL TE



Hexagonal bolt screw



Hexagonal bolt wood screw



Double thread screw

ATTENTION: An appropriate safety factor ≥ 4 should be applied on

Tension	VPL 50	VPL 60	VPL 85	VPL TE 95	VPL 120	VPL 150	VPL 180
Recommended loads daN							1 daN = 1 kg
Plystyrene PS 15 - PS 20	4,0	5,0	7,0	10,0	12,0	14,0	16,0