

TECHNICAL SHEET 05.04.06-EN



JUBIZOL Anchor PSV

Wall plug for larger surfaces

1. Description, Application

We use JUBIZOL Anchor PSV to fasten thermal insulation in JUBIZOL facade systems. The anchor is designed so that the anchor depth is only 30 mm and it has a cap on the head of the anchor that is used to cover the hole in which the screw is located and thus prevent a thermal bridge.

The advantage of JUBIZOL Anchor PSV over classic nailing anchors is that, in the case of fixing softer materials, we prevent the fixing from sinking too much into the insulation, thus damaging the insulation.

Features:

- high-quality screw fastener,
- high resistance of fasteners to UV rays,
- suitable for fixing in all types of anchor bases (A B C D E),
- short anchoring depth enables quick and simple installation,
- built-in cap to prevent thermal bridges,
- possible use with pressure plates, which increase the mounting surface.

JUBIZOL Anchor PSV consists of two parts:

- a plastic insert with a cap, which has an opening in the longitudinal axis and
- cold galvanized metal screw.

2. Method of packing

200 pieces per carton.

3. Technical data

Method of anchoring	Surface anchoring
Anchor diameter	8 mm
Head diameter	60 mm

Anchorage depth hef	50 mm
Drill hole depth h1	20 mm
Point thermal transmission λ	0 W/K
Use categories	A, B, C, E
Technical approval	ETA - 12/0331

4. Product information

Fastener designation (length in mm)	In-depth anchoring suitable for insulation board (thickness mm)		Surface anchoring suitable for insulation board (thickness mm)		Borehole diameter (mm)
	Tip podlage: A, B, C	Tip podlage: D, E	Tip podlage: A, B, C	Tip podlage: D, E	
PSV 80	50 - 60	30 - 40	30 - 40	20	8
PSV 100	70 - 80	50 - 60	50 - 60	30 - 40	8
PSV 120	90 - 100	70 - 80	70 - 80	50 - 60	8
PSV 140	110 - 120	90 - 100	90 - 100	70 - 80	8
PSV 160	130 - 140	110 - 120	110 - 120	90 - 100	8
PSV 180	150 - 160	130 - 140	130 - 140	110 - 120	8
PSV 200	170 - 180	150 - 160	150 - 160	130 - 140	8
PSV 220	190 - 200	170 - 180	170 - 180	150 - 160	8
PSV 240	210 - 220	190 - 200	190 - 200	170 - 180	8
PSV 260	230 - 240	210 - 220	210 - 220	190 - 200	8
PSV 280	250 - 260	230 - 240	230 - 240	210 - 220	8
PSV 300	270 - 280	250 - 260	250 - 260	230 - 240	8
Consumption (kos/m²)	According to the calculation - JUBIZOL ENGINEERING				

5. Installation guide

Drill a $\varnothing 8$ mm hole through the insulation board into the anchor base. The hole must be at least 20 mm deeper than the length of the fastener. This is necessary due to the installation of the fastener itself, namely so that the dust that remains in the bore can be pushed forward.

Then push the plastic insert into the hole. The head of the insert rests on the insulation. We insert a screw into the plastic insert, which we tighten with a T25 torx bit. Screw in the screw until the top of the head of the fastener sinks to the level of the insulation.

The effective anchoring depth of the fastener when anchoring in concrete, solid brick and modular block is 30 mm, and when anchoring in concrete made of light aggregate and siporex (categories D and E) it is 50 mm.

For installation demonstration, see picture 5.1 in the appendix.

6. Instructions for safe use of the product

Further instructions regarding handling the product, use of personal protection equipment, waste management, first aid measures, warning signs, signal words, components determining hazard, hazard statements and safety statements are listed in the product's safety sheet which you can find on Jub's web page or you can require it from the manufacturer or seller. When applying the product, the instructions and regulations regarding safety for construction, façade and painting works should also be observed.

7. Storage, transportation conditions

Packed in cardboard boxes. Store in a dry and covered place at a temperature of + 5°C to + 40°C. They are transported in a horizontal position.

8. Other Information

Technical instructions in this brochure are given based on our experiences and are given as a guideline for achieving optimal results. All guarantees for the characteristics of the product (including the shade) apply only to the complete JUB system. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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1. Drill a Ø8 mm hole.

2. Insert the fixing into the cleaned hole until the head seats against the insulation.

3. Tighten the screw until the head of the fixing is recessed and flush with the insulation surface.

4. Seal the fixing opening with the hinged cover cap.

