

TECHNICAL SHEET 05.04.14-EN



JUBIZOL Anchor PXP-PV

Screw fastener with plastic core

1. Description, Application

JUBIZOL Anchor PXP-PV are used for fixing JUBIZOL thermal insulations for facade systems, where it is necessary to prevent thermal bridges. It can be used on substrates of category A, B, C, D, E.

Features:

- high-quality impact fastener,
- pre-assembled fastener enables faster installation,
- short anchoring depth enables quick and economical installation,
- plastic screw reinforced with glass fibers resistant to breakage,
- surface fixing without a thermal bridge,
- the thin head of the fastener aligns with the surface of the insulation,
- possible use with pressure plates, which increase the mounting surface.

Additional accessories for installation:

- PXP-PV ANCHOR ASSEMBLY TOOL
- JUBIZOL PRESSURE PLATE

JUBIZOL Anchor PXP-PV consists of two parts:

- plastic insert,
- plastic TORX screw.

2. Method of packing

In cartons (from length 100 to 300 per 100 pieces), lengths 100 - 140 on a pallet of 5000 pieces, lengths 160 - 180 on a pallet of 4000 pieces, lengths 200 - 300 on a pallet of 3000 pieces.

3. Technical data

Anchor diameter	8 mm
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Head diameter	60 mm
Anchorage depth hef	30 mm
Point thermal transmission λ	0 W/K
Use categories	A, B, C, D, E
Technical approval	ETA - 20/0656

4. Product information

Fastener designation (length in mm)	For the thickness of the insulation board at the base - ABC	For the thickness of the insulation board at the base - DE
PXP-PV 100	50 - 60	/
PXP-PV 120	70 - 80	50 - 60
PXP-PV 140	90 - 100	70 - 80
PXP-PV 160	110 - 120	90 - 100
PXP-PV 180	130 - 140	110 - 120
PXP-PV 200	150 - 160	130 - 140
PXP-PV 220	170 - 180	150 - 160
PXP-PV 240	190 - 200	170 - 180
PXP-PV 260	210 - 220	190 - 200
PXP-PV 280	230 - 240	210 - 220
PXP-PV 300	250 - 260	230 - 240
Consumption (kos/m2)	According to the calculation - JUBIZOL ENGINEERING	
NOTE: If anchoring through old plaster or an existing facade, you need to choose a longer fastener to match the thickness of the existing plaster or the thickness of the existing insulation or facade.		

5. Installation guide

JUBIZOL Anchor PXP-PV can be used to fasten different types of insulation (EPS, MW, multopor, ...) to different substrates (concrete, brick, aerated concrete, ...). Information for determining anchor length based on insulation thickness is given in Table 2 in Chapter 4.

Anchor installation without deepening:

Drill a Ø8 mm hole through the insulation into the anchor base. The hole must be at least 10 mm deeper than the length of the anchor. This is necessary due to the installation of the anchor itself, 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. A plastic screw is already inserted into the plastic insert, which is screwed with a torx T30 bit inserted into the screw extension. In this process, the screw is screwed into the plastic insert until the head of the anchor is pressed tightly against the insulation.

The effective anchoring depth hef is 30 mm in base A, B, C and 50 mm in base D, E.

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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