PAROC Wind deflectors

PAROC Wind deflector (XVA 002)
PAROC Wind deflector RENO (XVA 003)
PAROC Wind deflector EPS (XVA 001)

PAROC Wind deflector (XVA 002) is made of polymer-treated, moisture-resistant cardboard. Cardboard can bind moisture, so water vapor that may condense below the wind deflector does not drip onto the structures but evaporates into the ventilation air.

The wind deflector installed in the eave parallel to the roof directs the ventilation air flow coming from the eaves towards the ridge of the roof so that the air flow does not weaken the functionality of the insulation. The wind deflector also effectively prevents wind-driven snow from entering the attic.

The PAROC Wind deflector RENO (XVA 003) is used for wind deflecting of roof truss spacings of other sizes (<1200 mm), e.g., in old buildings. The wind deflector is composed of two separate 650 mm wide wind deflectors, overlapping the plates to achieve the appropriate width.

Folding instructions are printed on the cardboard. The package includes 150 plastic washers for fixing the product (hole 3 mm, diameter 25 mm).

PAROC Wind deflector EPS (XVA 001) is a thin profiled sheet made of polystyrene. The product can be used as an extension of the PAROC Wind deflector (XVA 002). The wind deflector, made of EPS, also acts as an insulator, raising the temperature of the cold attic and reducing the risk of condensation on surfaces.

- PAROC Wind deflectors (XVA 002 and XVA 004): cc900 / cc1200
- PAROC Wind deflector RENO (XVA 003): <cc1200
- PAROC Wind deflector EPS (XVA 001): cc1200

APPROVALS: N/A

APPLICATION: Building envelope, eaves, ventilated attics

PACKAGE / STORING: Pieces, bundles, bundles on pallet. Stored in a dry place protected from moisture.

DIMENSIONS

Product code	width	length	packing	roof angle	EAN 64380
PAROC Wind deflector (XVA 002) incl. 150 washers	1250 mm 1200 mm	1270 mm 1970 mm	24 pcs / bundle	27° 14°	8518422 8518421
PAROC Wind deflector (XVA 004)	950 mm 950 mm 1250 mm 1250 mm	1200 mm 1200 mm 1200 mm 1200 mm	1 pc 25 pcs / bundle 1 pc 25 pcs / bundle	all angles	8540402 8537841 8584436 8537840
PAROC Wind deflector RENO (XVA 003) incl. 150 washers	650 mm	1255 mm	24 pcs / bundle	all angles	8518134
PAROC Wind deflector EPS (XVA 001)	1150 mm	900 mm	144 pcs / pallet 36 pcs / bundle	all angles	8552105 8552104



INSTALLATION

Installation from inside the building

The installation of the wind deflector starts by making installation depth marks on the sides of roof trusses or beams to create an air gap with the right width. The air gap behind the wind deflector is recommended to be at least 20 mm wide.

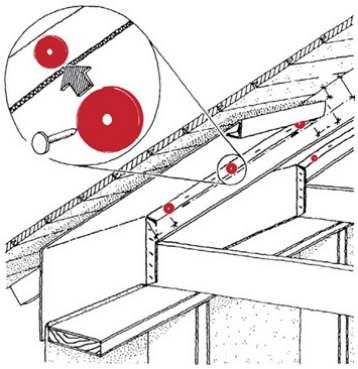
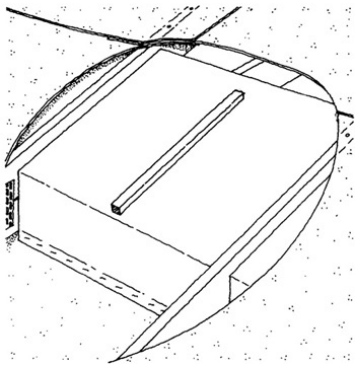
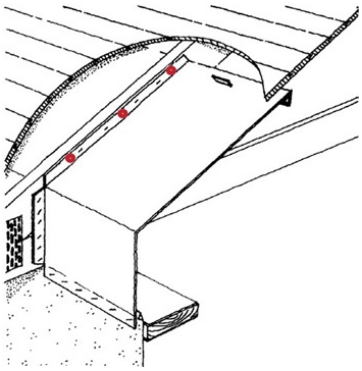
The wind deflector`s mounting wings are folded to a 90-degree angle, and the wind deflector is placed in place. The wings are attached to the side of roof truss or beam with 3-4 stables per side. The vertical edge on the top of the wind protection layer is fastened more tightly. The final fixing of the wind deflector is done with a hot dip galvanized cardboard nail 25 x 2.5 mm and a plastic washer.

A wooden lath, e.g., 25 x 25 mm, can also be attached to the wind deflector before its installation, which ensures that ventilation is not obstructed. The lath is attached above the wind deflector in the longitudinal direction of the wind deflector.

The lower edge of the wind deflector should always be connected to the wind protection layer of the external wall.

Installation from outside the building

The wind deflector can also be installed from outside the building, in which case the mounting wings on the sides are turned upwards. Otherwise, the fastening is done in the same way as in the bottom installation.

Installation to old constructions

The PAROC Wind deflector (XVA 003) is used for wind deflecting of roof truss spacings of other sizes (<1200 mm), e.g., in old buildings. The wind deflector is composed of two separate 650 mm wide wind deflectors, overlapping the plates to achieve the appropriate width. The overlapping point is supported with a wooden lath, and the overlapped boards are taped from their seams to each other.

Installation of Wind deflector EPS

The wind deflector made of EPS is installed directly against the roof's solid planking / sheeting with a stapler. If, for example, an underlay is used in the roof structure, the wind deflector is attached at its edges to the sides of the roof truss or beam. At least two strips of tape are installed to the joint of two diverters to keep them in their positions.

If the EPS wind deflector is installed as an extension of the cardboard wind deflector, the supported end of the EPS wind deflector is installed against the folded end of the cardboard wind deflector.

If the wind deflector layer is extended up to the ridge, the last deflector is turned so that the supported end of the plate is on the ridge side.

The upper edge of the wind deflector must always remain at least 150 mm above the finished insulation layer, so that the air current does not weaken the insulation layer.