

Pratiko® ADESIVO

Bituminous cold bond adhesive

Description

PRATIKO ADESIVO is a bituminous adhesive, reinforced with synthetic elastic fibers, which establishes the bonding layer between the application surface and the waterproofing membrane, assuring the roof a flexible and permanently durable layer. PRATIKO ADESIVO also prevents vapor transmission between the interior and exterior of the roof and therefore acts as a vapor shield.

PRATIKO ADESIVO applied evenly and uniformly over the substrate fills in all the irregularities such as cracks & fissures which may be found on the surface.

PRATIKO ADESIVO improves the waterproofing system by not modifying the characteristics of the membrane, something which instead may happen during the most commonly used torch application where an irregular use of flame can alter the same. The PRATIKO ADESIVO provides a fully bonded surface to the substrate including on old bituminous membranes, also mineral finished, regenerating the old waterproofing layer by saturating and filling in any cracks, fissures or irregularities.

Areas of application

PRATIKO ADESIVO can be used as a modified adhesive glue for a wide range of polymer bitumen membranes, as long as these have either a sand, polyester or polypropylene finish on the lower surface, however optimum result are achieved with PRATIKO P+V membranes.

Application & recommendations

- On cementitious surfaces or similar, apply, by roller or airless, bituminous primer PRIMERTEC AD, approx. consumption 300 g/m². (Fig. 1)
- Apply by gas or hot air torch a 25 cm strip of PRATIKO P+V in correspondence of all the vertical up stands.
- Position the membrane always starting from the lowest point, in order to have all the overlaps with the slope.
- Apply and position the membranes staggered to avoid creating areas where the membrane overlaps against the slope and in the direction of the drains.
- Cut the corners of the membrane which will be applied under the next sheet with at 45° angle.
- After having positioned the roll, re-roll the same for half of its length. (Fig. 2)
- Pour the modified cold bond adhesive PRATIKO ADESIVO and depending on the surface absorption, the consumption is approx. 0,8 to 1,5 kg/m².
- Pour the bituminous adhesive PRATIKO ADESIVO evenly and uniformly, saturating the surface, approx. consumption 0.8 to 1.5 kg/m². To avoid drippings from the pail, scrape the edge with the squeegee.
- Apply and spread the adhesive uniformly using a metal or rubber squeegee. Apply the membrane over the adhesive folding back the other side. (Fig. 3)
- Follow the above steps for the remaining areas to be waterproofed.

- Torch the side laps (10 cm) and head laps (15 cm) with an overlap torch or with a hot air gun. During this procedure the overlaps should be pressed by using a metal roller (15 kg) from which a bead of compound should flow. Do not iron the overlaps. (Fig. 4)
- Apply the membrane on the verticals making sure that they overlap on the horizontal surface by at least 10 cm, make sure that they are fully bonded by using a torch or hot air gun, using a trowel to squeeze a bead of compound from underneath. (Fig. 5)
- The height of the vertical must be equivalent or superior to the finished surface by at least 15 cm.
- Where there is a walkable pavement a sufficiently wide enough reinforcing strip must be used which will extend 10 cm above the finished pavement.
- When the roof slope is superior to 5% the membrane must be exclusively applied by gas or hot air torch directly on the PRIMERTEC AD and without the use of PRATIKO ADESIVO.



Technical data

Technical characteristics	Measure Units	Value	
Appearance		Dense Paste	
Color		Black	
Density at 20 °C	kg/l	1,28 - 1,38	
Dry residue at 130 °C	%	summer grade 82 - 86	winter grade 77 - 82
Brookfield Viscosity Gir. N.5,5 rpm at 25 °C	cps	36.000 - 43.000	
Flash point in closed pail	°C	> 40	
Storage in original closed packaging		24 months	

Packaging

	PRATIKO ADESIVO
Pails	25 kg

Pluvitec reserves the rights to change or modify the nominal values without prior notice or advice. The product must be stored and used in accordance to current norms of hygiene, security and industrial practice, as well as the technical indications of the manufacturer and conforming to current regulations.

12/04/2018