

System recommendation

Plasticoate roof coatings

For all repairable roofs, point glued method

A roof should be dry and free of enclosed humidity before it gets coated. This is an ideal situation, which however will be barely found. Against it, the in a roof construction existing wetness will be often locked because of new applied roof systems. When the roof gets heated up by sun radiation the humidity changes into steam and the developing steam pressure creates in most cases bubbles in the new roof system. The point-glued Plasticoate Roof Covering System is able to let the steam pressure exit through roof ventilation cowls.

Important: When we talk about humidity in a roof, than we speak about roofs, which are all already wet as well as rotten. Soaked and rotted roof insulations have to be removed till the carrying construction and rebuild.

1. Clean the surface thoroughly.
2. Repair all bubbles and creases with Plasticoate Plastic Cement.
3. Cut the roll roofing in pieces of 5 m length.
4. Start with the basic coating Plasticoate type PC (1 m wide) at the bottom edge of the roof (1 kg/m²).
5. Put the roll roofing into the wet coat. Stroke the roll roofing thoroughly with a brush to obtain a good adhesion on the old roof surface.

Important: Roll roofing has to be stacked on 1 m wide at roof edges and around extensive roof openings. These are the most endangered areas by wind and get additional safety because of complete gluing.

6. The next step is the point-by-point gluing of a further piece of roll roofing by 0,6 kg on 5 points per square meter. The edge of already glued roll roofing gets a 10 cm wide stripe of Plasticoate Roof Coating PC type 1 kg / m², as well.
7. Lay down the next roll roofing onto the roof covering points and overlap it approx. 10 cm with the layer before.
8. Repeat step 6 and 7 until the whole roof surface is covered with roll roofing.

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9. Install a roof ventilator each 50 m². For that, cut the roll roofing crosswise at the respective place and insert the food of the ventilator. Close the cut with Plasticoate Plastic Cement and Poly Star Fabric Rolls. The ventilation cowl should never be glued together with the roof surface to guarantee the steam exit.
10. Strengthen all connections of roof openings and vertical inserted items with Plasticoate Plastic Cement and Poly Star.
11. All overlapping need to be painted (15 cm wide) with Plasticoate PC type and embed 15 cm wide Poly Star Fabric (1,5 kg/m²) right away.
12. Coat the whole roof with a layer of Plasticoate Roof Coating PC type (1,5 kg/m²).

Either
13. Apply slate-grit on the wet coating right away (2,5 till 3 kg/m²),

or

cover it with Plasticoate Aluminum Roof Coating (0,15 kg/m²) after a waiting time of 6 months.

With a dry bottom roof construction it is also possible to glue on the roll roofing completely.

For this Plasticoate Roof Coating PC type (1 till 1,25 kg/m²)

or

Plasticoate Roof Coating 0,8 till 1 kg / m² will be applied as basic coat.
14. The roll roofing will be put in the wet basic coat and thoroughly stroke it firm with a brush. All other steps have to be analogous done as it told above. The insertion of the roof ventilator can drop.