

weber.tec 905

Thick bitumen coating

Semi-liquid bitumen protective coating for applications on roofs, building constructions and civil engineering works

Fields of application

For protection of bitumen roofing felts or membranes, concrete, fiber-cement, roof metal sheets, render, concrete etc. against moisture and other environmental influences.
For use outdoors.

Description

weber.tec 905 is a ready-to-use bitumen thick coating with adhesion-promoting agents.

Composition

Bitumen, solvents

Main features

- very good bonding on substrate
- watertight
- resistant against various acids and lyes
- contents solvents and fibers
- high weathering-resistance
- for use outdoors

Technical values

Application temperature:	$\geq +1^{\circ}\text{C} - \leq +30^{\circ}\text{C}$
Density:	approx. 1.1 g/cm ³
Consistency:	semi-liquid
Dry residue:	approx. 60%
Impermeability:	3 bar
Water vapour diffusion resistance coefficient (μ):	approx. 8000
Delay between coats:	min. 12 hours
Cleaner/thinner:	white spirit

Quality control

weber.tec 905 is subject to a regular quality control.

General notes

- Cracks and damaged connections in the roof areas with roofing felts or membranes must be repaired beforehand with the bitumen waterproofing patching compound weber. tec 911.
 - Entrapped air and moisture in the substrate can cause blistering in the coating. One resp. several coats of primer will avoid bubble formation.
 - Bond protection or insulation boards and fill the excavation pit only after the material has completely dried.
 - Do not fill any building waste directly against the wall surface.
 - Observe the national regulations for working with solvent-based products.
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Special notes

- Do not add any foreign substances during application.

Substrate preparation

- Remove all water-repellent and adhesion-impairing particles or substances.
- Deburr concrete surfaces; if necessary, fill or level with a suitable mortar.
- Remove all water-repellent and adhesion-impairing particles and substances.
- Break off protruding parts and round the angles.
- Absorbent, sanding and dusting surfaces: use the bitumen primer weber.tec 902.
- Very absorbent and very dusting surfaces: use the all-purpose primer weber.prim 900 for their consolidation.
- After complete drying of the pre-said materials apply weber.tec 905.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Apply weber.tec 905 on rough and damp substrates, using a roofer's broom, a paintbrush or a roller.
- In case of rough and damp substrates the 1st coat must be rubbed in intensively.
- For optimal results 3 coats are necessary.
- Each coat should be applied after a delay of min. 12 hours.
- weber.tec 905 gives excellent rust protection on roof metal sheets; therefore, no priming coat is necessary, however rust and dirt must be carefully removed prior to application.
- Clean mixing equipment and tools with white spirit (fresh product). Hardened material can only be removed mechanically.

Practical information

Drying time:

Approx. 1 - 3 days, depending on weather conditions and substrate

Tools:

Roofer's broom, paintbrush, roller

Storage:

The product can be stored at least 24 months in its original unopened packaging, if kept dry.

Technical Data Sheet



Consumption

On metal:	approx. 330 ml/m ²
On bitumen felts:	approx. 600 ml/m ²
On concrete:	approx. 800 ml/m ²

Packagings

Type	Sales unit	Number/euro-pallet
Metal bucket	10 liters	45 buckets
Metal bucket	33 liters	16 buckets

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.