

Execution Instruction

General information The emulsion asphalt concrete binder [E.A.B.] Latexfalt Microdeck Color SE is a cationic fast breaking emulsion based on a synthetic bitumen to which polymers have been added. The combination of Latexfalt Microdeck Color SE with additives as [colored] aggregate, with a sieving curve according to the Standard RAW provisions, cement and pigment delivers an emulsion asphalt concrete mortar with which wear-resistant thin coatings in various colors can be made.

Target formulation Aggregate, cement, emulsion and pigment should be placed in the mixing machine in the correct amounts must be dosed so that a mixture with the following composition can be formed. The mixing time [depending on temperature and unit type] is 30 – 300 seconds.

Material	Parts of weight in [Kg]
Aggregate	100
Latexfalt Microdeck Color SE	14 -18
Portland cement	1 - 3
Pigment paste [50%]	2 - 4

This mixture can be pulled onto the road with a normal tow barge.

- The standard emulsion is set for an average pot life of 200 sec. at 20°C ambient temperature.
- At temperatures below 15°C, a significant delay performance. The refraction can be adjusted to a limited extent with cement.
- Very fast refraction occurs at temperatures above 25°C. It process can be slowed down by adding a retarder in the emulsion, or in the water.
- The weather conditions during and immediately after processing should be to be drying, the average 24-hour temperature is at least 10°C. In the event of impending rain and low temperatures, it is advised to stop with application.
- For the pigment paste dosage, a 50-100 liter polyethylene container, a hose pump and a hydraulic drive required with a capacity of approx. 12 kg/min. [±7.5 l/min]. Pigment paste is acidic, so also for the couplings and hoses use polyethylene or polypropylene.

Processing E.A.B. with Latexfalt Microdeck Color SE is machined with a suitable intended mixing machine [equipped with pressure dosing system or a hose pump] mounted on a clean surface of asphalt or concrete. The mixture is applied cold in layer thicknesses of 3 to 6 mm. When working in narrow strips or special patterns, masking must be done first. Processing time and drivability depend on the weather conditions. Masking tape should be used as soon as possible deleted.

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