

# Latexfalt<sup>®</sup> Microdeck Color SE

## C55BP7 Classification in accordance with CE and NEN-EN 13808

Polymer modified and colourable synthetic cationic bitumen emulsion for micro slurry recipes.

## Latexfalt bv

### Product information

article code : 03.100  
version : 3/17-02-10  
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### Product description

Latexfalt Microdeck Color SE is a cationic, rapidly breaking emulsion to which polymers have been added. Combining the binder with aggregate and cement produces a slurry surfacing mortar which is suitable for creating thin, wear-resistant surface layers.

Slurry surfacing is used on asphalt and concrete in the road and construction industry for maintenance purposes in road areas, car parks, intersections, pedestrian areas, boulevards, shopping precincts, cycle paths, etc.

### Properties

Latexfalt Microdeck Color SE will be delivered according to the following specifications. Quality control takes place according to the standard: NEN-EN 13808 "Framework for specification cationic bitumen emulsions".

Product properties	Norm	Unit	Specification	Class
<b>EMULSION</b>				
Viscosity 2 mm 40°C	NEN-EN 12846	s	15 - 45	3
Breaking value	NEN-EN 13075-1	none	≥ 220	7
Adhesivity	NEN-EN 13614	% covered	≥ 90	3
Binder content [100%-water content]	NEN-EN 1428	m/m. %	53 - 57	4
Sieve residue 0.5 mm	NEN-EN 1429	m/m. %	≤ 0,1	2
<b>RECOVERED BINDER</b>				
<b>NEN-EN 13074</b>				
Penetration @ 25°C	NEN-EN 1426	0,1 mm	≤ 150	4
Softening point [Ring and Ball]	NEN-EN 1427	°C	≥ 50	3
Cohesion [Pendulum]	NEN-EN 13588	J/cm <sup>2</sup>	≥ 1,4	6

System properties	Norm	Unit	Specification
Durability WTAT	ISSA 100	%	1,3 [max. 10]
Adhesion asphalt		N/mm <sup>2</sup>	> 0,4
Adhesion concrete		N/mm <sup>2</sup>	0,8
Water resistance 6 days	norm AKB	%	1,3 [max 10]
Adhesion Schulze Breuer	norm AKB	%	0,5 [max 5]

### Application

The Latexfalt Microdeck Color SE system is applied mechanically, using a specially designed mixing machine, to a clean asphalt or concrete subsurface. The mixture is applied cold in layer thicknesses of between 3 and 10 mm.

Masking tape should be used where it is necessary to work in small strips or specific patterns. Aggregate, cement and emulsion should be added to the mixing machine in the correct quantities, so that a mixture with the following composition is formed:

100 kg Aggregate  
10 - 12 kg Latexfalt Microdeck Color SE  
1 - 3 kg Portland cement  
Additive depending on desired breaking time



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	layer thickness [mm]			
	3	4	5	6
Consumption [kg/m <sup>2</sup> ]				
Microdeck Color SE emulsion	1,00 - 1,35	1,35 - 1,75	1,75 - 2,15	2,00 - 2,40
Cement	0,06 - 0,08	0,08 - 0,11	0,11 - 0,13	0,13 - 0,15
Aggregate	5,8 - 8,3	8,3 - 10,8	10,8 - 13,3	12,5 - 15,0
Mortar	7 - 10	10 - 13	13 - 16	15 - 18

This mixture can be spread on the road surface using a normal drag scraper. At high application temperatures, an additive can be used to delay the reaction. Latexfalt Microdeck Color SE cannot be applied using a high-speed displacement pump. The mixing machines should preferably be equipped with a pressure dosing system or a hose pump.

Depending on the weather conditions, the workable time can be regulated. The treated surface can be driven over after approx. 30 minutes. Masking tape should be removed as soon as possible, since removal will be very difficult once it has been driven over by traffic.

### Health & Safety

Latexfalt Microdeck Color SE does not have any specific health and/or safety properties that could form a hazard for man or the environment.

### Storage

Latexfalt Microdeck Color SE can be kept storage stable for a maximum of 6 months provided that it is stored frost free and in unopened packaging. Sediment can be formed during storage. This can be homogenized by slow stirring.

### Packaging

Latexfalt Microdeck Color SE to be delivered in bulk or 200 litre steel drums.

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.



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