

BIGUMA®

-Emulsion PMB65-DSK



Type: C65BP6-DSK



Use

BIGUMA®- Emulsion PMB65-DSK is used to create "thin asphalt surfaces in cold application process" in accordance with ZTV BEA-StB. The breaking behaviour of BIGUMA®- Emulsion PMB65-DSK can be controlled and can be adapted to the usual application method for this maintenance procedure.

Conformity

BIGUMA®- Emulsion PMB65-DSK is certified as a C65BP6-DSK cationic bituminous emulsion according to the national framework TL BE-StB and the harmonised European standard DIN EN 13808. The high quality requirements are ensured by our continuous quality assurance.

Properties

The breaking behaviour of BIGUMA®- Emulsion PMB65-DSK can be adapted to the usual application methods.

BIGUMA®- Emulsion PMB65-DSK is especially easy to process as a product and is distinguished by the following characteristics:

- very good adhesive properties of emulsion
- very good sealing properties
- very good adhesion of grit
- controllable and adaptable breaking behaviour
- high storage stability
- corresponds to national regulations
- corresponds to European regulations
- environmentally friendly

Application instructions

To attain an additional adhesive bond to the underlayer, the DSK must be sprayed with BBIGUMA®- Emulsion PMB65-DSK before application.

The fine adjustment of the breaking behaviour of BIGUMA®- Emulsion PMB65-DSK should be done directly before starting construction, if possible. The construction materials subsequently applied are used in the test to be carried out for this. The test temperature should correspond to the construction site temperature.

Material consumption

For "thin layers in cold application" repair work according to ZTV BEA-StB 09, the amounts of bituminous emulsion and chippings to be consumed are determined based on empirical values, whereby various influential factors are to be considered. The material consumption is oriented to the composition of the asphalt mixture. The minimum binder content is listed in the following table:

Central Sales

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☎ +49 231 395797 - 37 @ info@dga.de

Producer

Plant Wm. Hilgers

DSK-Grain size	Layer	Minimum binder content of the dry matter (DSK)	Corresponding minimum addition BIGUMA®- Emulsion PMB65-DSK
DSK 8	Upper layer	Bmin 5,2 %	8,0 %
	Lower layer	Bmin 5,5 %	8,5 %
DSK 5	Upper layer	Bmin 6,2 %	9,6 %
	Lower layer	Bmin 6,5 %	10,0 %
DSK 3	Upper layer	Bmin 6,7 %	10,3 %
	Lower layer	Bmin 7,0 %	10,8 %

Values from ZTV BEA-StB 09

Form of supply

Tanker
Service tanks
1000 kg IBC container
200 kg disposable drum
other packaging units on request

Storage

The product can be stored for at least 8 weeks in the unopened original container.
The packaging must be stored frost-free. Avoid direct sunlight.

Cleaning agents

When fresh:	Water
When set:	BIGUMA®- SWS or benzines
In case of skin contact:	Hand cleansing paste

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Technical data

BIGUMA®- Emulsion PMB65-DSK					C65BP6-DSK
Characteristic		DIN EN	Unit	Cl.	Requirement
To be determined on the bitumen emulsion					
	Breaking behaviour: Breaking value (Forshammer Füller)*	13075-2	s	6	≥ 90
	Binder content	1428	M.-%	7	63 to 67
	Efflux time, 2 mm at 40 °C*	12846-1	s	5	5 to 70
	Sieving residue 0,5 mm - sieve	1429	M.-%	4	≤ 0,5
	Sieving residue after 7 days 0,5 mm - sieve			4	≤ 0,5
	Adhesive performance with reference aggregate*	13614	%	3	≥ 90
To be determined on recovered binder (recovery according to DIN EN 13074-1)					
	Penetration at 25 °C*	1426	0,1 mm	4	≤ 150
	Softening point ring and sphere*	1427	°C	4	≥ 50
Cohesion (only type BP)					
	Force ductility*	13589,13703	J/cm²	4	≥ 1,0 (at 5°C)
	Breaking point according to Fraaß	12593	°C	4	≤ -15
	Elastic recovery at 10 °C	13398	%	5	≥ 50
To be determined on recovered and stabilised binder (Binding agent according to DIN EN 13074-2)					
	Penetration at 25 °C*	1426	0,1 mm	1	DS
	Softening point ring and sphere*	1427	°C	1	DS
Cohesion					
	Force ductility*	13589,13703	J/cm²	1	DS
	Elastic recovery at 25 °C	13398	%	1	DS

*wesentliche Merkmale nach DIN EN 13808:2013

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This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga.de.

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