

BIGUMA®

-Emulsion BE60 N



(formerly: Hilgers-U60K-N)

Type: C60B4-N

Use

BIGUMA®- Emulsion BE60 N is used as a sealant for after-treating hydraulically-bound base courses.

Conformity

BIGUMA®- Emulsion BE60 N is certified as a C60B4 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

BIGUMA®- Emulsion BE60 N is an easy-to-spray bituminous emulsion. Good wetting and sealing properties provide protection against moisture loss and against water penetration on hydraulically bound base courses.

BIGUMA®- Emulsion BE60 N is especially easy to process as a product and is distinguished by the following characteristics:

- low consumption
- good adhesive properties of emulsion on the subsoil
- strong seal
- easy to use and provides an even spray
- high storage stability
- corresponds to national regulations
- corresponds to European regulations
- environmentally friendly

Application instructions

BIGUMA®- Emulsion BE60 N is supplied ready for processing. For homogenisation, drums must be rolled and containers or canisters stirred before processing. The spraying work can be carried out over large areas using ramp sprayers, but also over small areas using hand sprayers. The work must be coordinated so that BIGUMA®- Emulsion BE60 N can dry but does not remain open for an unnecessarily long period. Note here that the drying time depends on the weather. Spraying must be stopped in damp weather and at substrate temperatures below 3 °C. Avoid driving over the sprayed areas and do not expose them to the effects of the weather just after spraying, as the surface can be contaminated with dirt and thereby lose its adhesive force.

Material consumption

The amounts needed to establish a seal depend on the design. Approx. 1-2 kg/m² can be assumed as a guide value.

Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

✉ Am Hafenbahnhof 10 ■ 44147 Dortmund ■ Germany

☎ +49 231 395797 - 37 @ info@dga.de

Producer

Plant Wm. Hilgers

Form of supply

Complete implementation of the spraying work
 Tanker
 Service tanks
 1000 kg IBC container
 200 kg disposable drum
 30 kg packaging
 other packaging units on request

Storage

The product can be stored for at least 6 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

Technical data

BIGUMA® - Emulsion BE60 N					C60B4-N
Characteristic		DIN EN	Unit	Cl.	Requirement
To be determined on the bitumen emulsion					
Breaking behaviour: Breaking value (Forshammer Füller)*	13075-1		4		110 to 195
Penetration ability	1428	M.-%	6		58 to 62
Efflux time, 2 mm at 40 °C*	12846-1	s	3		15 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	%	2		≥ 75
To be determined on recovered binder (recovery according to DIN EN 13074-1)					
Penetration at 25 °C*	1426	0,1 mm	5		≤ 220
Softening point ring and sphere*	1427	°C	8		≥ 35
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

*Essential characteristics according to DIN EN 13808:2013

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.

Rev.: 01/20

Central Sales

Dortmunder Gußasphalt GmbH & Co. KG
 Am Hafenbahnhof 10 ■ 44147 Dortmund ■ Germany

+49 231 395797 - 37 @ info@dga.de

Producer

Plant Wm. Hilgers