

BITUMOL H-6

Cat. no.: 826

Version: 2/2016

Product Description

Bitumol H-6 is a bitumen anionic, medium breakable and high flotage emulsion, designed for preparing cold mixtures with a wide range of aggregates, with silicate features (sio₂) of 10 % to 100 %, and/ or with CaO maximum contents of 90 %.

Uses:

Bitumol H-6 used as piling asphalt mixtures binder for patching road patches, patching asphalt works (filling next to curbstones, sewage and telephone pits, drainage canals, etc...), and for quick repair of damage on asphalt surfaces (garden paths, sports courts, sidewalks and lanes). The cold piling asphalt mixtures may be stored, as well as continuous 6 months piling at least without the appearance of bitumen peeling off and with transferability powers throughout the entire piling period.

Technical specifications:

Bitumol H-6 is compatible with the American ASTM-D-977 Standard, and Israeli Standard No. 161 for bitumen emulsions at HFMS-1 level.

	<u>Units</u>	<u>Standard requirements</u>	<u>Bitumol H-6</u>
Viscosity - CPS	seconds	20 (min.)	30 (min.)
Viscosity at 25°C		100 (max.)	40 (max.)
Stability in storage – 24 hours (% off mass)	%	1 (max.)	0.4-0.5
<u>Enfolding ability and water resistance:</u>			
Enfolding dry aggregate		Good	*
Enfolding wet aggregate		Reasonable	*
Enfolding wet aggregate		Reasonable	*
Enfolding after spray		Reasonable	*
Sifting (% off mass)	%	0.1 (max.)	Less than 0.1
Residual bitumen (% off mass)	%	55 (min.)	56-57

Residual distillation:

Penetration at 25°C			
100 gr. – 5 sec. (decimal mm)	mm.	100(min.)	100 (min.)
Ductility at 25°C – 5 cm per min.	cm.	40 (min.)	Over 100
Solubility in tri-chloride ethylene (% off mass)	%	92.5 (min.)	Over 99
Float test at 60°C	Seconds	1200 (min.)	1200

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Instructions for use:

Mix the emulsion with the already gradated aggregate, in a compatible mixing container.

Consumption:

For aggregate with 1 % absorption rate, the required residual bitumen contents are about 4.5% ;
For aggregate with higher absorption rate, the required bitumen quantity is increased by the percentage of existing absorption less 1% (for example : for aggregate with 2% absorption rate, the required residual bitumen content is about 5.5%).

Packaging:

180 kg drum
1 ton container
Tanker

Notes:

The emulsion quantity should be compatible with the aggregate gradation and type. Do not produce mixtures with emulsion at temperatures of below 15 °C.

The instructions that appear on the product are based on knowledge and experience amassed over the years. We reserve the right to change these instructions without prior notification. The operator is responsible for keeping informed of the latest updates. These instructions are solely recommendations and do not constitute liability for the product. Prior to use, the user must check the product's suitability, and the application and environmental conditions that meet his specifications. If in doubt, please contact us and we will be happy to instruct you.