



HILAPOL 60

Cationic polymer modified bitumen emulsion

HILAPOL 60 is a binding agent for surface protection layers, which will be produced for bearing medium and high traffic loads and/or special climate conditions. Furthermore the use includes the spraying and chips surfacing at the application by hand, mixing gravel for the repair of potholes in asphalt roads, sealing of base foundations as well as sealing of water containers.

Properties

HILAPOL 60 is an easy breaking, that means a quick drying, cationic bitumen emulsion, which will be produced using a polymer modified bitumen. That is why the remaining bitumen shows a higher plasticity range as well at cold temperatures as at warm temperatures. The emulsion complies all requirements of the DIN 1995 T 3. It shows a good storage stability, a good braking behaviour and a good bonding at mineral materials. The set bitumen complies to the ecological requirements regarding to recycling in accordance with "The principles for environment-friendly use and recycling of road construction materials" (GuVWS).

The emulsion does not contain any solvents or any fluxes.

Application instructions

HILAPOL 60 can be used for small works without heating. At low temperatures the *HILAPOL 60* has to be heated to 40°C-50°C, which will liquefies the emulsion essentially. For the heating the *ZACHO EM 200* emulsion sprayer can be used (see separate data sheet).

You have to pay attention to the fact that frost will destroy the emulsion and the binding agent will then be separated.

Technical date

Form (DIN 52044)	: cationisk
Ext. nature (DIN 52002)	: brown, liquid, homogenous
Water content (DIN 52048)	: ca. 40%
Screen residue (DIN 52040)	: <0,5%
Storage stability after 4 weeks	: <0,5% residue
Viscosity @ 20°C , 4 mm nozzle	: ca. 10 sek.
Binding agent type	: polymer modified road construction bitumen

Material consumption

At surface treatments the material quantities of bitumen emulsion and chippings will be fixed based on experience, whereas several factors have to be considered.

Ordinary applications concern ordinary foundation, medium traffic loads and free area. Deviations which leads to an increased binder content are i. e. a hard substrate, lower traffic loads, shady areas a.s.o.

Lower binder content has to be chosen if the substrate has to bear high traffic loads.

For an ordinary surface treatment is used 1,4-1,8 kg *HILAPOL 60* per m², and 9-14 kg chippings (2-5 mm) per m².

Storage

HILAPOL 60 has to be stored in unopened containers, in dry conditions away from sunlight.

Protect from frost. *HILAPOL 60* is damaged by freezing.

Packaging

HILAPOL 60 is supplied in 1000 ltr. container.

Cleaning

In fresh state: water.

In set state: Petrol or standard solvents.

At skin contact use hand washing paste.

Health and safety

There are no known health hazards associated with *HILAPOL 60* in normal use. However, the wearing of suitable gloves is recommended.

For additional information see relevant Safety Data Sheet.

This product information is in accordance with our current information, the stated data are average values under normal conditions. The applicator is obliged to check the suitability and the possible applications for the intended purposes. For special technical information please do not hesitate to contact us.