



KOROPHALT 02

Special filling mortar FOR SEMI-RIGID WEARING COURSES

DESCRIPTION

KOROPHALT 02 is a cementitious, non-shrink, high-early-strength special filling mortar for the production of semi-rigid cover layers for industrial and traffic areas, also coloured available. KOROPHALT 02 combines the properties of a high strength grouting mortar and the flexibility of an asphalt system.

APPLICATION

KOROPHALT 02 is used for the production of mechanically heavy duty wearing courses for container terminals, air ports, parking/shelf spaces, traffic lanes, multiple-storey car parks, forwarders reloading terminals etc.

PROPERTIES

- low shrinkage
- highly flowable
- short setting time
- high load bearing capacity
- jointless construction
- short construction time
- low construction height

PROCESSING

In reference to the „Note on the production of semi-rigid wearing courses“, the 4 - 6 cm thick semi-rigid wearing course is placed on an one or two-coat asphalt base layer.

The wearing course consists of a specially developed like-grained asphalt base course with 25 - 30 % voids contents. In a second working step the voids are filled with KOROPHALT 02 special mortar.

KOROPHALT 02 can be processed with suitable pan type mixer or stirrer (approx. 400 rpm), for larger areas with qualified mortar pumps, likewise as silo material with the approved KORODUR silo technique.

Due to its low viscosity, KOROPHALT 02 can flow into the asphalt base course without mechanical help. A clean surface, which is free from excessive mortar is achieved by striking off with rubber squeegee.

TECHNICAL DATA

grain size:	0 - 0,25 mm
water admixture per 25 kg bag:	approx. 5,75 - 6,0 l
swelling index:	> 0,1 Vol. %
flexural strength after 28 days:	> 8 N/mm ²
compressive strength after 28 days:	> 70 N/mm ²
processing temperature:	> 5 °C
yield:	approx. 12 - 13 l per bag

AFTER-TREATMENT

After-treatment acc. to DIN 1045. Differing temperatures may influence the setting and hardening process.

SUPPLY

25 kg special paper packaging or as bulk material in silo

STORAGE

dry, like cement
shelf-life approx. 6 months

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid
Certification: DIN EN ISO 9001:2008

HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect hands and eyes. In case of contact with eyes consult a doctor. Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery.

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