



EASY Kaltasphalt S.L.

PRODUCT DATA CHART

- PRODUCT:** Cold-applicable hot concrete asphalt as a durable bituminous mixture
- DESCRIPTION:** **EASY Kaltasphalt** is a by a hot process produced bituminous asphalt mixture, which basically consists of a combination of various aggregates and binders, which are joined into a material at high temperature and finally lead to the required asphalt mixture with the corresponding very good workability. The high temperature used during the production (140 ° C - 170 ° C) enables the benefit and advantage of the temperature-dependent behavior with regard to the viscosity of bitumen, which is responsible for the optimal degree of viscosity of the final bituminous mixture and the individual additives.
- EASY Kaltasphalt** consists of a continuous granulometry in accordance with the desired AC aggregate (asphalt concrete) with the corresponding split sizes according specification.
- The change in the properties of this bitumen, which finally gives the material the main advantage characteristics is achieved by adding special additives in the binder, including a special type of polymerized hydrocarbon elements, which finally leads to the later required overall stability of the material and for the lubricating properties between the individual units.
- During the compression process on the construction site, the additives change their characteristics and their condition in the form, that the bitumen is given the sufficient viscosity to restore the initial mechanical properties of the original bituminous mixture.
- APPLICATION:** **EASY Kaltasphalt** is excellently suited for all repairs of danger spots in pavement surfaces (potholes etc.), closings of pits, filling gaps of built-in components (e.g. manhole covers etc.), pavement surfaces in underground garages, pedestrian and bicycle paths, driveways etc. as well as for construction sites with difficult accessibilities, which require a corresponding individually flexible, adjusted working time window and material storage time over several days on site, which however cannot be achieved with conventional bitumen asphalt.
- Compliance with the legal standards and local regulations of the legal requirements must always be taken into consideration and observed.

EASY Kaltasphalt
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ENVIRONMENT: **EASY Kaltasphalt** is an environmentally friendly material because no solvents and / or emulsifiers are used. The packaging consists of a recyclable plastic (CO₂ footprint 2.24g per packaging). The low contamination of work clothing caused by the material itself leads to reduced water and raw material consumption.

HANDLING: **EASY Kaltasphalt** is a ready mix that can be used at an ambient temperature range of -20 °C - + 50 °C regardless of the weather conditions (all-year-round mix). **EASY Kaltasphalt can also be processed hot without any problems. It must be ensured that the material is not exposed to a direct flame and that the maximum permissible temperature 140 °C will be not exceeded.**

In order to achieve a perfect and permanent work result, it is important to ensure that the subsurface structure is sufficiently strong and compacted. The area to be filled and the connecting edges must be cleaned with a broom and loose rock removed. The material can be filled on a wet surface (even with standing water) without any problems and without any primer.

Before opening the packaging, we recommend tapping it slightly on the floor at its four corners and then shaking it a bit so that any material that has been pre-compacted during transport can be loosened for better processing.

EASY Kaltasphalt can be applied and distributed directly from the ECO plastic bag to the area to be repaired or filled without further mixing. The according area must be filled approx. 1 cm above the desired ready-made road level. These are then to be compacted with a hand rammer for smaller repair areas or with the vibrating plate.

The repaired area is immediately released for traffic. High point or rotary loads at the beginning are to be avoided.

PACKAGING: **EASY Kaltasphalt** is available in ECOBags (15 kg) and in Big-Bags (500 kg).

STORAGE: **EASY Kaltasphalt** can be stored for up to 36 months at a conventional ambient temperature in dry storage conditions without losing any of its advantageous properties. **During the cold winter months, it is recommended to store the repair asphalt appropriately frost-free in order to facilitate subsequent easy handling.**

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PROPER DISPOSAL: Material residues can be disposed accordingly with waste code number AVV 17 03 02 (bitumen mixtures).

SAFETY: **EASY Kaltasphalt** is not a dangerous substance or good (dangerous good). If required, further safety-relevant information can be found in the safety data sheet on the company's website (www.easy-kaltasphalt.de).

VORTEILE:

-  Patented material
-  CE certified material
-  Same final characteristics as conventional hot asphalt (e.g. AC-11)
-  Material serves a permanent solution instead of provisional or temporary solution
-  Immediate traffic release
-  Very long storage period
-  Very good and simple material application (also directly applicable on hot base layer)
-  Rest material can be re-taken into storage and used on a later point of time
-  Environmentally friendly
-  Solvent and emulsifier free material
-  Weather condition independent

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