

BLUE ASPHALT

Cold self-compacting asphalt for road maintenance



DESCRIPTION

BLUE ASPHALT is a bituminous mix to be used cold consisting of grit, fillers, modified bitumen and structural fibres. BLUE ASPHALT does not contain volatile solvents and thinners.

APPLICATIONS

Cold product for the maintenance of asphalt road paving. Suitable for filling holes, for levelling ruts, for closing cracks and suitable to even out differences in height and sealing manhole covers.

PRODUCT APPLICATION

Spread BLUE ASPHALT on the surface to be repaired, distribute the product evenly, taking care to leave the material slightly higher than the surrounding area (once compacted, the material will lose about 20% of its height). Once the product is laid out it can be compacted with a vibrating plate or a roller, or you can directly open the surface to traffic. With this kind of conglomerate it is also possible to create wearing surfaces laid by paver machine and compacted with rollers.

PRODUCT STORAGE

- Keep away from direct sunlight.
- Keep away from moisture.
- Store in a covered area.
- The product retains its characteristics up to 8 months from date of production.

CONSUMPTION

A 20 kg bag of BLUE ASPHALT covers an area of 1 m² with 1 cm thickness.

RECOMMENDATIONS

For more information on classification, protection measures and interventions in case of fire please refer to the Material Safety Data Sheet, available on request.

TECHNICAL SPECIFICATIONS

BLUE ASPHALT's composition materials and careful production process create a material unique in its kind that is able to guarantee excellent results, both from a performance point of view and ease of application. The unique features of this product are noticeable during laying: unlike traditional cold mixes, with BLUE ASPHALT you can achieve permanent and lasting maintenance, either spreading the product manually or using specialised machinery such as road paver machines.

- From an environmental point of view, BLUE ASPHALT distinguishes itself for the recycling of the composition raw materials and for the absence of volatile fluxing solvents.

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- It can also be stored and spread with temperatures below 0°C.
- BLUE ASPHALT is not susceptible to attack by deicing salts used in winter.
- It is insensitive to high summer temperatures.
- Once laid, it does not adhere to tires even without prior rolling.
- It does not require the road surface to be cleaned before application and does not require a bitumen emulsion primer to increase adhesion.
- It does not require special compacting but can be opened immediately to traffic that will make the material adhere firmly to the paving.
- BLUE ASPHALT can also be applied to holes with the presence of water.
- It does not grease the caissons of the vehicles used for transporting it and the tools used for laying.
- The excellent workability of the material will allow paving without having to apply force for crushing the material.
- Being predominantly made with basalt, BLUE ASPHALT is highly resistant to fragmentation (Los Angeles) and slippage.

Performance and particle size characteristics

ANALYSIS METHOD	M.U.	CHARACTERISTIC VALUES
Inert material binder content	%	4 - 7
Marshall test specimen preparation		75 blows per side
Marshall Stability at 25°C after 1 day	kN	> 3
Marshall Stiffness test at 25°C after 1 day	kN/mm	> 1.5
Marshall residual voids	%	> 10
Tensile strength of specimen Marshall indirect test at 25°C after 1 day	kPa	> 55

SIEVE (mm)	PASSING WEIGHT (%)
10	100
8	96 - 100
6.3	90 - 100
4	45 - 65
2	20 - 35
0.5	10 - 25
0.063	4 - 20

PACKAGING	
Bag	20 kg
Bags per pallet	60
Pallet weight	1200 kg