

BLUE ASPHALT

Cold-laid asphalt for maintenance of road surfaces



Description

BLUE ASPHALT is a type of cold-laid asphalt concrete comprising granules, filler, modified bitumen and structural fibres. BLUE ASPHALT does not contain solvents or volatile fluidifiers.

Application sectors

Cold-laid product for maintenance of road surfaces in asphalt concrete. Suitable for sealing off holes, smoothing off ruts, sealing splits and suitable for levelling off uneven surfaces.

Application

Spread BLUE ASPHALT onto the surface to be restored, distributing the product evenly and taking care to leave it at a slightly higher level than the surrounding area (as the material, once compressed, drops in height by approx. 20%). Once applied, the product can be compressed with a vibration plate or roller, or can be left open directly to the traffic. This type of asphalt concrete is also suitable for laying a wearing course applied with a finisher and roller pressed.

Product storage

- Store away from direct sunlight.
- Store in an area protected against humidity.
- Store in a sheltered area.
- The product maintains its characteristics for up to 8 months from the date of production.

Consumption

One 20 kg sack of BLUE ASPHALT covers a surface area of 1 square metre with a thickness of 1 cm.

Recommendations

For further information on the classification, protection measures and provisions in the event of fire, refer to the product safety data sheet, available on request.

Technical specifications

The materials used to produce BLUE ASPHALT and the scrupulous production process have resulted in a highly unique material, able to guarantee optimal results, both in terms of performance and practical application. The unique features of this product are highlighted in its application: unlike traditional cold asphalts, BLUE ASPHALT enables permanent, long-lasting maintenance, both when applied manually and when using special machinery such as road pavers.

- From an environmental point of view BLUE ASPHALT stands out in the content of recyclable raw materials used and the absence of volatile flux solvents.
- It can be stored and applied also at temperatures below 0°C.
- BLUE ASPHALT is not sensitive to aggressive salt used on the roads in the winter season.
- Not susceptible to high summer temperatures.
- Once applied, does not attach to tyres, even without preliminary rolling.
- No need for preventive cleaning of the road surface and no requirement for primer or bituminous emulsions to increase adhesion on restoration work.
- No need for special compacting and therefore can be left immediately open to traffic, which itself will bed the material enabling adhesion to the base.
- BLUE ASPHALT can also be applied in holes where water is present.
- Leaves no traces of grease on transport vehicles or tools used for application.
- The optimal features for working the material enable application without the need for force in breaking up the material.

Technical data

Technical specifications	Norm	U.M.	Value
Marshall stability after 72h at 25°C	UNI EN 12697-34	kN	> 3,0
Marshall rigidity after 72h at 25°C	UNI EN 12697-34	kN/mm	> 1,0
Indirect Tensile Strength (ITS) after 72h at 25°C	UNI EN 12697-23	kPa	> 60
Determination of the characteristics of void bituminous specimens	UNI EN 12697-8	%	10,0 ± 3,0
Determination of the density in piles of bituminous specimens – Marshall specimens	UNI EN 12697-6	Mg/m ³	2,305 ± 0,050
Soluble binder content – based on the weight of the mixture	UNI EN 12697-1	%	5,4 ± 0,4
Particle size	UNI EN 933-1	mm	0-8
Inert sandability (PSV)	UNI EN 1097-8	%	> 44
Binder modified with SBS			100% Recycled
Milled			100% Recycled
Blue Asphalt is recyclable			100%
VOCs (Volatile Organic Compounds)			No additions
Green Product Certificate			ISO 14021:2016
Sack Disposal (Corepla)			Light packaging/ Plastic
Binder modified with elasto-polymer			Only SBS
Binder (bitumen)			No additions
Recycled material			40%
Guaranteed workability in bulk and in bags			Over 12 months
Functionality in a hole full of water/rain			Excellent
Operating temperature			-30 °C +80 °C
Resistance to frost and thaw cycles			Without disintegration
In situ resistance on spider webs/fissures			More than 12 months
Resistance in situ in wheel-rut/dimple			More than 24 months
Resistance in situ in a delimited hole			More than 36 months

Packaging

Bag	20 kg
Bags per pallet	60
Pallet weight	1200 kg