

COLD ASPHALT

Technical data sheet



Description

Cold asphalt, available in bags and ready for use, made from a mix of gravel, sand and mineral additives (filler), heated and mixed with bituminous binders and specific eco compatible additives of vegetable origin.

Production & packaging

The production is obtained by using a discontinuous asphalt plant, with constant control of the temperature and dosage of the aggregates and additives. The asphalt is then left to cool and the addition of bitumen promotes the characteristics of workability at ambient temperatures.

The packaging is obtained by an automatic and computerized system, the bags weigh 30 kgs and the material is ready for use.

Technical characteristics

Aggregates: a mix of sand, stone and fillers, predominantly calcareous, which satisfy the requirements & norm for bituminous asphalts.

Binder: road bitumen 70/100 (EN norm 12591) with percentage referred to the aggregate equal to 5.6 (bitumen + additive).

Size: 0-6 mm.

Granulometric curve: continuous and distributed.

Specific weight: 1.7 t/m³ (loose before application).

Use of product

The content of the bag is poured on the application surface, spread and compacted with a hand held shovel, roller or compactor. The application should remain within a thickness of 5 cm and a proper compaction should be carried out, especially if to be immediately opened to vehicle traffic. It is suggested not to apply the product at temperatures below +5 °C. To improve application and obtain better results, it is suggested to spread cement powder over the applied surface during summer and fine sand during winter.

Areas of use

The product is ideal for the repair of potholes and urgent reconditioning of the road surface for vehicle traffic. It used for small road paths, driveways, side walks and all those applications and areas where the use of traditional hot asphalt cannot be used.

Recommendations

The use of bags allows for advantages in stocking the material and the conservation of the product: the workability of the asphalt can last for several months. To obtain the maximum shelf life, it is very important that the product be stored inside, at constant ambient temperatures above +5 °C. Should the material be stored incorrectly, in direct sunlight or at temperatures below +5 °C it will begin to harden and the shelf life will be greatly reduced.

Safety

The product, during normal outdoor applications does not present any particular health hazards. Since the product is applied cold, all risks and attention normally given for hot applied asphalt are avoided. The oil additives are of vegetable origin. The cold asphalt is therefore eco compatible and can be handled also by persons without experience which instead is necessary for the use of hot asphalt. The information provided in the data sheet reflects the most recent technological knowledge, but these cannot be considered a guarantee for the results obtained during application of the product itself. It is therefore the customers responsibility to verify that the product is suitable, applied correctly and meets the technical requirements as put forth by the technical specifications.