

Cold bituminous primer before application of bituminous products for roads constructions

Product description IBITOL E-5 is a cold bituminous primer used before application of bituminous products for roads constructions, made from bitumen and organic solvents.

Characteristics of the product IBITOL E-5 is a solution of bitumen in an organic solvent. The solvent in the bituminous solution has the characteristic to dry out quickly, and so a thin layer of bitumen remains. Because of the low viscosity of the solution, it penetrates well into the concrete pores and gives good contact during installing of the other waterproofing layers. The product **IBITOL E-5** is inflammable, that fore it is necessary to follow all regulations about working with inflammable substances.

Technical Characteristics

Characteristic	Unit	Value
Color	/	black
Density at 20°C (ISO 2811-1)	g/ml	0,88 – 0,90
Bitumen content (DIN 53215)	%	30 - 50
Penetration of bitumen (25°C) (EN 1426)	1/10 mm	20 - 30
Softening point of bitumen (EN 1427)	°C	54 - 72
Viscosity (Ford Ø 4 mm) (EN ISO 2431)	s	15 - 20
Drying time (DIN 53150)	h	≤ 3
Flash point (Pensky) (EN ISO 13736)	°C	30 - 40
Packing	/	metal bucket 27 L
	/	metal barrels 180 L

Use and installation IBITOL E-5 is used as a cold bituminous primer for the realization of one and two layered waterproofing of bridge constructions on roads. It is applied with a roller on a cleaned, dry and dust-free surface. Usage of the preliminary coating is from 0,2 to 0,4 l/m².

Storage IBITOL E-5 is packed in metal cans or metal barrels that are put together on a pallet. Each packaging unit is equipped with labels, stating all product data (name of the product, manufacturing date and shift, filling quantity, safety data,...). It is stored in covered rooms, protected from sun, heat and mechanical damage. Storage and transport have to be in accordance with the valid "ADR" regulations. How to use the product and safety measures are written on the label of the product. PERIOD OF USE: Unlimited if stored properly.

Disposal considerations of waste

The waste of product must be collected separately and shall be submitted an authorized organization for waste management. The wastes of the product are classified as: **Cleaned waste packaging:** metal packaging 15 01 02. **Not-cleaned waste packaging:** group packaging that contains rests of dangerous substances or is contaminated with dangerous substances 15 01 10* **Wastes of the product:** wastes from adhesives and sealing compounds that contain organic solvents and other dangerous substances 08 04 09* **Packaging waste:** Residues from packing pallets (PE film) and wooden pallets, are classified as 15 01 02 Plastic packaging and 15 01 03 Wooden packaging.

The product is in conformity with the TSC 07.104.

The system of quality and handling of the environment is conform with EN ISO 9001 and 14001

Producer

FRAGMAT TIM d.o.o., Spodnja Rečica 77, SI - 3270 Laško ; www.fragmat.si

file:

Laško: Tel.: +386 (0)3 734 45 00 Fax.: +386 (0)3 734 45 63

Technical sheet

IBITOL E-5/16-01