

Ensi

- DESCRIPTION** Urethane oil.
- PRODUCT FEATURES** For protection and dust-binding of concrete surfaces.
- RECOMMENDED USES** Suitable for concrete floors and walls in industry, store and cellar spaces.

TECHNICAL DATA

- Features** Withstands well abrasion and washing. Resistant against petrol, spirits and lubrication oils and grease. Resistant against vegetable and animal grease and weak solutions of acids and alkali.
- Colour Range** Clear.
- Gloss groups** Gloss
- Coverage** Coverage on concrete floors is on the average:
Porous concrete surfaces: 3 - 6 m²/l
Tight concrete surfaces: 10 - 15 m²/l
- Practical coverage depends on the porosity of the substrate and on the application method.
- Application method** By brush or roller.
- Drying time at 23°C and 50% relative air humidity** Dust dry after 2 hours
Touch dry after 6 hours
- Dries also in low temperature, over + 5 °C.
- Solids volume** 30 ± 2 % volume
- Density** 0.8 kg / l
- Product code** 005 0433

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APPLICATION DETAILS

Application conditions	The relative humidity of the concrete should not exceed 97 %. The temperature of the ambient air, surface or coating should not fall below + 5 °C during application or drying. Relative humidity of air should not exceed 80 %.
Preparation	New concrete: Remove laitance by power grinding or hydrochloric acid etching. Choose the method best suited for the premises. After cleaning remove dust carefully with a vacuum cleaner. Hydrochloric acid etching is carried out with diluted hydrochloric acid (1 part concentrated hydrochloric acid, 4 parts water). Rinse with plenty of water. Dry the floor. Old concrete: Remove all grease, oil, chemicals and other impurities by MAALIPESU detergent. Clean out pot-holes removing all loose friable material. Open cracks with e.g. an abrasive tool. Remove loose material and dust.
Priming	Prime using 10 - 20 % thinned ENSI urethane oil. Pour ENSI onto the floor and apply evenly.
Treatment	Application by brush or roller. The second treatment can be carried out after 12 - 24 hours after priming if necessary. Note! Apply ENSI thinly so that after drying it has completely absorbed into the concrete.
EU VOC 2004/42/EC-limit value	VOC 2004/42/EC (cat A/h) 750 g/l (2007), 750 g/l (2010) Ensi: max. VOC < 750 g/l

HEALTH AND SAFETY CLASSIFICATION

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oy.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.
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