

# ISONEM<sup>®</sup> FLOOR PAINT



## Tennis Court Paint

ISONEM FLOOR PAINT is a single component, water and acrylic-based coating material.

**USAGE AREAS:** To obtain a dust free decorative surface on concrete and cement surfaces indoors and outdoors, ISONEM FLOOR PAINT is used in following locations: (without continuous contact with water):

• Garages and parking lots with light traffic • Walkways amongst residences, pavements, locations of traffic signs etc. • Tennis courts, playgrounds and recreational grounds

**PROPERTIES / ADVANTAGES:** • Water based • Good abrasion resistance • Very good resistance against UV rays and does not cause colour fading. • High hiding power • High resistance and elasticity

### TECHNICAL PROPERTIES:

• **Structure / Appearance:** Liquid • **Colour:** Oxide red, dark gray, dark green, white (Upon request other colours can be produced.) • **Chemical Content:** Water-based acrylic resin • **Density:**  $\sim 1.50 \pm 0,05 \text{ kg/l}$  (at  $+20^\circ\text{C}$ ) • **Application thickness:**  $\sim 120$  microns dft for 2 layers (primer+coating) • **Pull off Resistance:**  $2,28 \text{ kg/cm}^2$  • **Adhesion Resistance:**  $> 1.5 \text{ N/mm}^2$  • **Elongation at break:** 200 % • **Drying duration:** 24 hours (through dry)

**APPLICATION:** All applications must be made in 2-3 layers. Usually, two layers of application is sufficient but depending on the porosity of the surface or in coloured surfaces, the third layer may be required.

### APPLICATION DETAILS:

• Consumption  $\sim 0.4 - 0.5 \text{ kg/m}^2$  / for each layer • The consumption is depended on conditions such as surface permeability, shape, roughness and material losses. • Preparation of Surface: Concrete surfaces must be cleansed from cement grout by using abrasive equipments and an open porous surface must be obtained. The weak concrete must be removed. The surface repairs, the filling of gaps and the surface adjustments must be made by using ISONEM M 03 Repair mortar. • All the dust, unstable materials must be removed from the surface preferably by brush and/ or a vacuum cleaner prior to application of the product. Application surface should be primed by ISONEM UNIVERSAL PRIMER adherence promoter.

**MIXING:** ISONEM FLOOR PAINT is ready to use and must be mixed thoroughly before use.

**MIXING TIME:** 2 minutes

**MIXING TOOLS:** ISONEM FLOOR PAINT must be mixed thoroughly with a low speed (300-400 rev/min) electric mixer or other suitable equipment.

**APPLICATION METHOD / TOOLS:** The applicaton can be done with a short or medium size pile brush. The airless sprayer equipment can be applied. The suitability of spraying equipment must be determined by an experiment. The second layer application is always recommended for the best view. It is recommended to wait 4 hours between layers. During the application and curing, the ambient and the surface temperature must be above  $+10^\circ\text{C}$ .

**CLEANING OF THE EQUIPMENTS:** Clean all the tools and equipment promptly with water after use.

**CLEANING / MAINTENANCE METHODS:** To preserve the view after the application, the materials remained on ISONEM FLOOR PAINT must be cleaned immediately with a broom or a vacuum cleaner. In pursuit of the application, do not use wet cleaning methods for 2 weeks. Do not use abrasive cleaning systems or equipments.

**PACKING:** 18 kg plastic pail

**STORAGE CONDITIONS/SHELF LIFE:** 12 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between  $+5^\circ\text{C}$  to  $+35^\circ\text{C}$  at dry conditions. Protect from excessive temperature and frost.



The information contained in this leaflet has been prepared to our best knowledge, and in consistency with the results of our experiments and experience, and are the products of our know-how based on our accumulation of decades. However, the application of our products accurately and successfully, is entirely beyond our control and responsibility. Therefore, the scope of our liability is limited to the quality of our products and this technical leaflet supercedes all the previous technical leaflets and all the explanations and the information contained in the product labels.

025

"Our Products do not Fall Under the Regulations Regarding Biocidal Products."