

ISONEM[®] POOL



Polyurethane Based, 2 Components Pool Paint

ISONEM POOL is the swimming pool paint based on polyurethane resin, consisting of two components, blue in color. It is not affected by the water and the water pressure. **ISONEM POOL** is very ideal to use in swimming pools and decorative pools particularly in the cases where the ceramic covering is unable to apply. It gives a homogeneous blue appearance on the surface. It is elastic thus shows no crack, it is not affected by the UV lights and the swimming pool chemicals, the product has high resistance against alkali and chloride. It shows no color pale, no effect under water, no abrasion. It doesn't cause any algae occurrence and produces no bacteria. The workmanship is very easy and economic.

USING AREAS: •Concrete, plaster and alum. •Swimming pools, water tanks, water storages •Metal tanks and water barrels •Decorative pools, small lakes, barrages, water canals •Purification sites and balance warehouses

APPLICATION

SURFACE PREPARATION: ALL surfaces must be free of dirt, chalk, oil, loose paint or foreign material that may prevent adhesion. Pools that are already painted don't need any special preparation. Any holes should be repaired by **ISONEM M 03 Repair Mortar** and all leaks must be stopped using **ISONEM M36-WATERPLUG**. Plaster, concrete, or gunite surfaces should be tested for integrity and soundness. Pool paint is not a quick fix for weak surfaces. Should any minor repairs need to be made by **ISONEM M03**. **ISONEM EP PRIMER**, Solventfree epoxy based concrete primer with a consumption of 0,3 – 0,4 kg/m² is recommended as a primer on concrete, plaster or gunite surfaces before the **ISONEM POOL** application.

MIXING: To prepare **ISONEM POOL** for use, first stir the contents of the A Component (Paint) and then add the contents of the B Component (Hardener) and mix homogeneously for 4 minutes to ensure thorough mixing. A drill equipped with a mixing paddle is ideal for this. If necessary add %5 - %10 **ISONEM POLYURETHANE THINNER** for spraying application.

APPLICATION: Apply using brush, roller or airless spray. Allow to dry (normally 80 minutes at 20°C). Drying time is dependent on temperature - warmer conditions shorten the drying time. Apply a second coat of **ISONEM POOL** when the first coat is dried within 80 minutes – 24 hours (recommended).

FILLING-REFILLING OF POOL: Leave **ISONEM POOL** to fully cure for 7 days with an air temperature of 20°C, a couple of days longer at lower temperatures, or less at higher temperatures. Then wash pool with a hosepipe and drain before filling/refilling.

LIMITS ON APPLICATION: •Do not apply when surface temperature is less than 3°C above dew point. •Minimum substrate temperature +10°C. •Maximum substrate temperature +30°C. •Maximum relative humidity 80%.

TECHNICAL PROPERTIES:

Rate of Reaction (20°C / 50% r.h.)	10°C	20°C	30°C
Potlife	6 – 7 hours	5 – 6 hours	4 – 5 hours
Hard Dry	100 minutes	80 min	60 min
Fully cured after	14 days	7 days	5 days

•**COLOR:** Blue (It can be produced in special colors upon request) •**FLASH POINT:** >21°C •**VOLUME SOLID%:** 52±2% •**DENSITY:** 1,25 ± 0,1 gr/ml •**COVERAGE:** Depending on the surface coverage and porosity of the substrate, coverage is approximately 0,5 – 1 kg per square meters.

•**CLEANING:** Brushes and rollers should be cleaned with **ISONEM Polyurethane Thinner** after use.

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

PACKAGING: Total 4,5 kg set - **A Component:** 4,2 kg metal container (Paint) + **B Component:** 0,3 kg metal can (Hardener)

HANDLING PRECAUTIONS: Avoid contact with the skin, eyes and avoid breathing it's vapour. Wear protective gloves when mixing or using. If poisoning occurs, contact a doctor. If swallowed, do NOT induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

