

## BLUE P 2K

### Two-component, polyurethane based liquid waterproofing material developed for water tanks and pools

BLUE P 2K is a two-component, thixotropic coating material made of high-quality elastomeric polyurethane resins. It does not contain SOLVENT. It forms a powerful, elastic and hydrophobic film after polymerization. It is recommended especially for the waterproofing of the water tanks and pools.

BLUE P 2K provides continuous, integrated coating also on the surfaces with complicated details such as chimneys, antennas and pipes. It is applied as two layers with roller so as to be at the rate of 750 gr/m<sup>2</sup> for each layer. It is sufficient to apply onto the tank floor as one layer with the consumption at the rate of 1500 gr/m<sup>2</sup>.

#### AREAS OF APPLICATION:

- ✓ Water tanks built from concrete, steel or other materials
- ✓ Prefabricated concrete tanks
- ✓ Pools
- ✓ Contracting and expanding tanks

#### PROPERTIES:

- ✓ It excellently adheres to almost all kinds of surfaces.
- ✓ As it is solvent-free, it can be easily applied in the environments without ventilation.
- ✓ It has very high hydrophobic and hydrolysis resistance.
- ✓ It shows performance within a wide range of temperature. It has resistance between -30°C and 80°C.
- ✓ It has effective resistance to chemicals.
- ✓ It is the most ideal solution for the water tanks in terms of cost-performance.
- ✓ There are available special primers, top coat materials and coloring pastes.

#### POT LIFE:

The pot life of two components that are mixed is 30 minutes at 20°C.

#### In order to be able to extend the pot life;

- ✓ Keep the container that contains the mixture in a cool environment far away from sunlight.
- ✓ Discharge the mixed product onto the ground first for it to get loose and then spread it.
- ✓ Pour the mixed product into a separate shallow and wide container.

#### TECHNICAL PROPERTIES:

QUALITY	UNIT	METHOD	PROPERTY
Service temperature	°C	-	Between -40 to 90
Hardness	Shore A	ASTM D2240 / DIN 53505	> 50
Elongation at break:	%	ASTM D412	> 100
Water Absorption	%	DIN 53495	< 0.5
Adhesion to cement	N/mm <sup>2</sup>	ASTM D4541	2

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### **PACKAGING**

5 kg (comp. A: 4 kg, comp. B: 1 kg)

### **CONSUMPTION:**

For each layer: 750 gr/m<sup>2</sup>. Minimum total consumption: 1,5 kg/m<sup>2</sup>.

### **CLEANING:**

After cleaning the tools and equipment with paper towel, wipe with SOLVENT. The rollers may not be reused.

**COLOR:** Blue (Grey, white)

### **SHELF LIFE:**

It can be stored for at least 12 months in its dry and unopened original packages and at the temperature of 5-25 °C. Once it is opened, use it as soon as possible. Protect it from frost conditions.