

## **mira 4120 sealer**

Liquid material for priming of substrate / moisture sealer

### **Characteristics**

- polymer - based
- fine molecular
- protect the substrate against humidity
- increases adhesion between substrate and adhesive mortar
- decreases substrate absorbability
- watertight in non-diluted form
- diffusion open for water vapour in diluted form
- quick-drying
- water – soluble
- added red tracing colour

### **Use**

For priming of all porous and absorptive substrates made of concrete, light weight concrete, plaster board, plaster based on anhydrite or cement etc. before tile fixing. Increases adhesion between substrate and adhesive mortar layer. In non-diluted form applicable for preparation of watertight layer on walls in wet room like bathrooms, kitchens etc.

### **Substrate preparation**

The substrate must be stable dry, compact, cleaned of dust, grease, oil etc. Concrete slurry (if any) should be removed, weaker parts of substrate should be removed and then repaired again. Dust can be removed with a vacuum cleaner. Grease, oil, dirt should be cleaned with **7110 base cleaner**.

### **Technical conditions**

#### **a. Mixing**

For priming of absorptive and porous cement based– substrates mix the sealer with water in the proportion: 1 part of **4120 sealer** for 3 parts of water. For priming of wooden based– surfaces (plywood, fibreboard etc.) use non-diluted medium. For making watertight barrier use non-diluted medium.

#### **b. Application**

Apply mira 4120 sealer with a brush or roll. Priming layer should be spread only once. As watertight layer **mira 4120 sealer** should be applied twice (second layer after the first is dry after 1-2 hrs).

#### **c. Temperature:**

Minimum air and substrate temperature +6°C

#### **d. Drying time:**

1-2 hrs depending on temperature and air humidity.

### **Consumption:**

12-16 m<sup>2</sup>/kg for diluted **4120 sealer** (1:3)

6-10 m<sup>2</sup>/kg for non diluted – **4120 sealer** (total consumption as moisture sealer)

### **Cleaning of tools:**

Tools should be cleaned with water directly after use.

**Packing:**

Bottles / plastic buckets 1, 6 and 12,5 kg.

**Storage and transportation:**

Transport and store frost free. Protect from excess heat and sunrays. Storage period: min. 1 year from the production date in original and undamaged packing.

**Industrial safety:**

**4120 sealer** contains no harmful substances; thus no special safety means shall be used.

**Certificates:**

**PL:** Hygiene Evaluation PZH No. 2/B-295/95 and Quality Certificate issued by The Building Institute of The Wrocław Technical University based on research as described in the report "U" No 14/96.