

Flexible Polymeric Waterproofing

BALDRAN® PLUS 7000

BALDRAN® PLUS 7000 is a waterproofing system, a bicomponent with acrylic emulsion base, cement and additives with synthetic fibers embedded which when mixed form a flexible polymeric mortar, waterproof and excellent adhesion to the substrate. The product has high performance to seal a positive hydrostatic pressure. The product is nontoxic and does not alter the potability of water.

SEGMENTS OF USE

BALDRAN® PLUS 7000 is suitable for sealing elevated or buried water containers, concrete pools and areas with constant presence of moisture.

Product not recommended for active groundwater.

SURFACE PREPARATION

The surface must be clean and complete, free of oil, grease, paint, curing agent, release agents and any other elements that may impair adhesion. The cleaning can be executed with a high-pressure hose or brush with hard bristles.

In case of fissures up to 0.3 mm, we recommend the application of the product **Reisflex® PU** for correction before the waterproofing. In some cases a bridge of adherence has to be created. Sharp edges must be rounded.

PRODUCT PREPARATION

Before beginning the application moisten the surface with water avoiding puddles. **BALDRAN® PLUS 7000** should be applied with brushes or brooms spreading the product constantly. The product should be applied on uniform layers at right angles.

After applying the first layer wait from 4 to 6 hours for the second or third layer.

Reinforce with polyester or **Reisflex® PU** around drains, baseboards and critical areas to support foreseen movements and fissures. To waterproof water tanks and swimming pools one must wait 7 days for tightness.

RECOMMENDATIONS

- Decontrol the area after 3 days
- For open areas or areas under the sun, hydrate for a minimum of 3 consecutive days
- After the cure, test for water-tightness with water for a minimum period of 72 hours
- Clean the tools with water

NEGATIVE WATERPROOFING

In case of negative pressure, one should apply **BALDRAN® PLUS 1000** and after the cure, apply **BALDRAN® PLUS 7000**.

When applying **BALDRAN® Plus 1000**, the interval between one layer and another should be between 2 and 4 hours.

BENEFITS

- Avoids the formation of mold and moisture
- Easy application
- Resistant to water pressure
- Excellent adherence without necessity of roughcast
- Excellent barrier against sulfates and chlorates

TECHNICAL CHARACTERISTICS

| Baldran® Plus 7000 Part "A" | Baldran® Plus 7000 Part "B" |
|--|-----------------------------|
| Form: viscous liquid | Form: fibrous powder |
| Color: white | Color: gray |
| Density at 25°C: 1 to 1.07 | |
| pH: 7 to 9 | |
| Package: 5 kg | Package: 13 kg |
| Time of application: 40 minutes | |
| Temperature of application: 5°C to 35°C (41°F to 95°F) | |
| Package: Kit 18 kg | |

TECHNICAL COMPLIANCE

| | |
|--------------------------------|---------------|
| Impermeability | NBR 11905 |
| Potability | NBR 12170 |
| Waterproofing System & project | NBR 9575:2010 |
| Execution | NBR 9574:2008 |

YIELD

Cold areas: 3 kg/m² two layers. Elevated water tanks and reservoirs - 4.5 kg/m² in 3 layers Buried concrete pools 4.5 kg/m² in 3 layers. The yield can be altered depending on the hydrostatic pressure (positive or negative); in this case consult our technical department.

CLEANLINESS AND SAFETY

Use protective glasses and rubber gloves. Direct contact with the skin should be avoided (can cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor. Keep out of the reach of children and animals.

STORAGE

BALDRAN® PLUS 7000 should be stored in dry and ventilated location at temperature below 77°F (25°C).

WARRANTY

Reis e Reis guarantees quality and exemption of manufacturing defects, provided that the product is correctly applied, respecting the conditions of this Technical Data Sheet. According to NBR-11905 regulation, the product must be used in static structures, or in other words, free of movement structures. If cracks occur in the structure, consult the engineer to make the structural correction and then reapply the product. **THIS WARRANTY DOES NOT INCLUDE DAMAGE CAUSED BY STRUCTURAL PROBLEMS.**

VALIDITY: 12 months.