

## Flexible and Elastic Waterproofing

# BALDRAN® PU

### PRODUCT

**BALDRAN® PU** is a high performance mono-component waterproofer, with a base of high viscosity polyurethane when applied to form a continuous film of high elasticity. **BALDRAN® PU** is solvent-free, having great resistance to inclement weather.

### SEGMENTS OF USE

**BALDRAN® PU** was developed to be applied:

- Water boxes;
- Kitchens, bathrooms, moist areas;
- Pools;
- Tanks to store chemical products;
- Septic tanks;
- Rainwater channels;
- Metal pipes;
- Exposed walls;
- Concrete slabs;
- Downspouts.

### APPLICATION

For good adherence and a satisfactory result, the surfaces have to be completely dry, rough and free of sand, dust, grease or oil. Any loose surface should be corrected before starting the waterproofing.

Apply **BALDRAN® PU** with a brush, roller, spatula or rubber squeegee in cross directions. Between coats wait a minimum of two hours.

**BALDRAN® PU** should be applied in two to three coats. Before applying **BALDRAN® PU** on slabs, fissures and cracks should be repaired with **REISFLEX® PU30**. All the corners and edges should be rounded with a radius or approximately 6 to 10 cm. The finish should have a minimum thickness of 3 mm.

To clean the tools use kerosene.

### BENEFITS

- Easy handling and applying cold;
- Forms continuous membrane without seam;
- Non toxic;
- Great adherence to various substrates;
- After application, no odor;
- Low VOC, does not harm the environment and can be applied indoors.

### CHARACTERISTICS AND PERFORMANCE

PROPERTY	BALDRAN® - PU
Appearance	Slurry
Chemical Composition	Polyurethane elastomer
Color	Grey
Viscosity Brookfield (F6/V20-25°C (68 -77°F)	7000 – 9000 cP
Solids Content	96%
pH 77°F (25°C)	Neutral
Without Solvents	Positive
Dry to touch, 77°F (25°C)	1 hour
Total Drying, ( Maximum)	48 hours
Yield per layer	2 m <sup>2</sup> /kg
Resistance	Water, acid rain
Elongation under traction Ø 1mm	300%
Shore hardness A - ASTM - D2240	25
Water Absorption (%) 1mm Film immersed in water for 24 hours – 25°Cv (77°F)	Zero – without absorption - ASTM(D) 570
Stability to aging sunlight	Resistant to ultraviolet rays
Package	4.3 kg Bucket, 20 kg Bucket, 50 kg Bucket

### HEALTH AND SAFETY

Use protective glasses and rubber gloves. Direct contact with the skin should be avoided. In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor and inform the type of product. Keep out of the reach of children and animals and sources of heat.

### STORAGE

**BALDRAN® PU** should be stored in a dry, covered and ventilated location at around 77°F (25°C).

### VALIDITY AND STORAGE

12 months from date of manufacture, see to it that the product is stored at 77°F (25°C) or below in a dry and ventilated place in its original package.