

## TECHNICAL DATA SHEET



**Polyurethane Liquid Membrane  
Waterproofing & Protection.**



## DESCRIPTION

**SP7® Extra PU** is a single component, high-quality polyurethane coating that cures by reacting with the humidity in the atmosphere to form a strong, elastic film. It has excellent adhesion to various substrates and can be applied by brush, roller, or airless spray machine. The product is based on pure elastomeric hydrophobic polyurethane resin with special inorganic fillers that provide excellent weathering resistance properties. It is designed to have superb adhesion on all common construction substrates such as dry concrete, fibrous cement, ceramic tiles, wood, and galvanized steel when used in conjunction with PUP Primer Range.

## APPLICATIONS

### **Waterproofing and protection of:**

- Roofs
- Light roofing made of metal or fibrous cement
- Bathrooms
- Gypsum and cement boards
- Polyurethane insulation foams

## ADVANTAGES

- Excellent adhesion to all common primed substrates
- Superior water and UV resistance; the white color reflects much of the solar energy, reducing the internal temperature of the building
- Exceptional thermal resistance with a maximum service temperature of 80°C
- Cold resistance: the film remains elastic down to -20°C
- Outstanding mechanical properties, including high tensile and tear strength, high abrasion resistance
- Good breathability characteristics, minimizing the accumulation of humidity under the coat

## LIMITATIONS

- Only white and light grey colors can be used for exposed areas
- Not to be used on unsound substrates
- Not recommended for waterproofing swimming pool surfaces in contact with chemically treated water
- Cure times may be extended in low humidity conditions, as **SP7® Extra PU** cures with moisture

## STANDARDS

**SP7® Extra PU** complies with ASTM C836 (see technical properties table).

## METHOD OF USE

### Surface Preparation:

The surface should be clean, dry, sound, and free from oil, grease, and wax contamination. Cement laitance, loose particles, mould release agents, or curing membranes must be removed. Fill surface irregularities with a suitable product. The maximum moisture content should not exceed 5%. New concrete structures need to dry for at least 28 days.

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## FOR TECHNICAL SERVICES

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