

## TECHNICAL DATA SHEET

# MIPASEAL aPU

### DESCRIPTION OF THE PRODUCT

MIPASEAL aPU is a one component elastomeric waterproofing coating based on a water aliphatic polyurethane resin. It is used on horizontal and inclining surfaces (e.g. terraces) and on vertical surfaces. It presents excellent adhesion on cement, render, roof plates, wood, bitumen, polyurethane foam, etc. It can also be used for the encapsulation of asbestos cement surfaces. It forms a tough elastic seamless membrane which is impermeable and resistant to standing water and retains its elasticity even at very low temperatures. MIPASEAL aPU is high resistant to extreme climatic conditions (sunshine, rain and snow).

### RECOMMENDED USES

It is applied on exterior horizontal and inclining surfaces, e.g. roofs and vertical surfaces., e.g. walls.

### TECHNICAL DATA

**Resin:** Aliphatic Polyurethane resin

**Specific Gravity:** 1.33

**Solids b.w.:** 55±2%

**Minimum Film Forming Temperature:** 5<sup>0</sup>C

**VOC (Volatile Organic Compounds):** MIPASEAL aPU belongs to the category WB (Exterior surfaces of mineral substrate). EU Limit Value(2010): 30g/l. The ready to use product contains max. 10g/l.

**Color:** White and many light shades through the tinting system "Wave Of Colors".

**Elasticity:** 23°C: > 200 %

**Crack bridging:** covers cracks up to 1 mm (23°C)

## SPREADING RATE

**Recommended Total Dry Film Thickness:** 200µm.

**Spreading rate:** Approximately 3 m<sup>2</sup>/l overall (Acrylic primer+2 coats MIPASEAL aPU) without thinning).

## PACKAGING

Pails of 1 L, 5 L, 10 L.

## APPLICATION INSTRUCTIONS

Surfaces must be cleaned from dust and flaking parts. Mineral surfaces are primed with Acrylic Primer. At least two coats should be applied crosswise, without thinning, with an interval of 12-24 hours between coats depending on the climatic conditions.

**Application method:** Roller, brush, airless spray.

**Thinning:** When the product is self used for priming dilute up to 30% v/v with clean water. No thinning is necessary for the following 2 coats. Tools are cleaned immediately after the application with soap and water.

## DRYING TIME

**Touch Dry:** 3±1hours.

**Recoating time:** 12-24 hours.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity. It is recommended to avoid application of the product at temperatures below 5°C and over 30°C and when there is the possibility of rain in the next 24 hours.

## STORAGE

Store in a cool place, protect from freezing and sun exposure. The material can be stored after opening if the pail is kept properly sealed in a cool sheltered place at temperatures 5-30°C and not diluted with water.

## HEALTH AND SAFETY

The product needs no danger symbols according to EC legislation, but the following is advised:

S2: Keep away from reach of children.

S24: Avoid contact with skin.

S26: In case of eye contact wash with plenty of water and seek medical advice.

S46: If swallowed get medical help immediately showing this pail.

S51: Apply in well ventilated areas.

The above safety advice phrases are in compliance with European Union

Directive 67/548 EEC.

**NOTE:** The information given above is accurate and based on the results of research and working experience, stating the constant quality of the product. But in no case guarantee can be undertaken, since the product leaves the company's control and its application takes place under responsibility of the end user. The product is produced and strictly controlled by the company's internal quality system.