

ARACO PU-WP

High quality polyurethane liquid membrane for waterproofing and protection

Product Description

ARACO PU a high quality, single component polyurethane coating that cures by reacting with the humidity in the atmosphere to form an elastic strong film with excellent adhesion to different substrates. ARACO PU can be applied by a brush, roller or airless spray machine.

ARACO PU is based on pure elastomeric hydrophobic polyurethane resin with special inorganic filler that provide the material with excellent weather resistance.

Applications

ARACO PU can be used:

- Roofs
- Bridges platforms
- Irregular channels
- Balconies and bathrooms
- Gypsum and cement boards
- On dry concrete
- Fibrous cement
- Mosaic cement roof tiles
- Old acrylic and asphalt coat
- Wood, corroded metals and galvanic steel.

Product Advantages

- Excellent adhesion to almost any surfaces(special primer may be required for some substrates)
- Thermal resistance
- Excellent mechanical properties
- Good tear resistance
- The white color reflects much of the solar energy reducing the internal temperature of the building
- UV resistance

Surface Preparation

Substrate should be sound, clear, free from loose material, grease, laitance, dirt curing compound, etc. All holes and deep cracks should be repaired by the means of **ARACO REPAIR SYSTEM**.

Maximum moisture content should not exceed 5%. New concrete structures need to dry for at least 28 days.

DO NOT WASH THE SURFACE WITH WATER



Package: 5 kg , 25 kg

Consumption

Single coat 0.6-0.8 kg/m²

Application

Mix the material using an electric drill with low rotation speed (300rpm) for 2 min.

ARACO PU should be applied by a roller or brush. It is recommended to do at least 2 coats. Do not leave more than 24 hours between coats.

If desired to be used as a primer , dilute **ARACO PU** with Xylene only solvent recommended

Cleaning

All tools must be cleaned after finishing with a paper towel and then wipe by using a cleaning agent.

Technical Data

Tensile strength at break

Average value	>8 N/mm ²	ASTM D412
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Elongation

At 23 °C	>300%	ASTM D412
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Cracking bridging

Value	pass	ASTM C1305
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Water Vapor transmission

Average	18.7g/m ² .day	ASTM E96
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Adhesion Concrete

Average Value	>2.4Mpa	ASTM D4541
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Tensile Set

After 300% elongation	<2.5%	ASTM D412
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Product Data

Color	White or Grey
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Specific Gravity	1.3
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Track free time	4-6hr
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Recoat time	6-24h
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Flash point	>40 °C
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Storage life	Store in a dry shaded area at temperature between 5°C and 25°C.
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Shelf Life	Original Sealed container has a shelf life of 12 months if stored in the right conditions
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Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.

Legal Notes

The information, recommendations, and application are based on ARACO current knowledge and experience of the products when properly stored, handled, and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and sold subject to standard conditions. Users should always refer to the most recent technical data sheet for the product concerned, copies of which will be supplied on request.

More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring