



# PAINTER'S PAL ALL-IN-ONE WATERPROOFING

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CODE: 115802

REVISION : 01

DATE: 21 October 2020

## **GENERAL DESCRIPTION**

PU Acrylic Polyurethane Dispersion with a slight sheen for waterproofing of roofs, parapets and wall surfaces.

## **USES AND PROPERTIES**

Liquid Roofing Membrane forms a thick, monolithic (seamless), fully-adhered elastomeric film when applied on top of flat roof systems that provides:

- Protective Properties
- Energy Management Properties
- Appearance Properties
- Solutions for many roofing systems
- Seamless with no potential leaks in joints or welds
- Simple application procedure
- Higher quality types resist impact damage and foot traffic
- Excellent to refurbish existing roofs without replacing them
- Good solution for small and complicated roofs
- Very good mechanical properties in broad temperature range
- Low temperature flexibility at -20°C
- High tensile strength and elongation at > 20°C
- Excellent aging performance (UV/thermal/water)
- Stable elongation also after accelerated aging tests
- High water resistance: Low water swelling
- No blistering observed on concrete or bitumen
- Good dirt pick-up properties thanks to high hardness

## **Cost Efficiency**

Liquid cold applied on aged membranes to renovate and extend useful lifetime of the roof

## **Sustainability**

Waterborne system with no use of solvent\*, low odor and no EH&S concerns

## **Durability**

Meets ETAG 005 durability tests, exceeds performance of 1K PU, easy to apply and maintain



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## TECHNICAL DATA

|                      |   |  |
|----------------------|---|--|
| Binder Type          | : | PU Acrylic Polyurethane Dispersion   |
| Drying Time          | : | Surface: 1 - 2 hours (at 23°C and 50% relative humidity)<br>Hard Dry/fully trafficable: Single coat - 24 hours |
| Drying Process       | : | Water evaporation followed by coalescence  |
| Overcoating          | : | 4 hours  |
| Viscosity            | : | 120 – 130K $\mu$   |
| Specific Gravity     | : | 1.13 $\pm$ 0,05 kg/ltr   |
| Non Volatile Mass:   | : | 65 $\pm$ 3%  |
| Non Volatile Volume  | : | 60 $\pm$ 3%  |
| Gloss                | : | Satin Sheen  |
| Coverage             | : | 1 m <sup>2</sup> - 4 m <sup>2</sup> / litre for entire application system                                      |
| Flash Point          | : | Not Applicable   |
| Application Temp     | : | >4°C <40°C   |
| Colour Range         | : | White, black, grey, red oxide, yellow oxide, green oxide   |
| Clean Equipment With | : | Water  |
| Pack Sizes           | : | 1 litre, 5 litre, 20 litre   |

Technical data based on **All-in-One Waterproofing** White, code 115802.

Coverage/spreading rate of **All-in-One Waterproofing** depends largely on the condition and porosity of the substrate being painted and manner in which the product is applied.

## APPLICATION

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Painter's Pal Preparation Specifications. Copies of these are available on request from your Painter's Pal Paints Outlet or can be downloaded from our website – [www.painterspal.co.za](http://www.painterspal.co.za).

### **Concrete roof Re-inforced system**

Do not apply when ambient temperatures are <4°C or >40°C.

After correct surface preparation, prime with the required primer, then stir thoroughly and apply suitable primer to the concrete substrate. Allow to dry (drying time is less than 1 hour at standard condition 25°C and 50 % humidity).



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Apply one coat of **All-in-One Waterproofing** as supplied, to an area not exceeding one metre by the width of the Polyester Fabric used or Chopped Strand Remat and firmly press the fabric into the coating, before the **All-in-One Waterproofing** coating begins to dry. Repeat the process in one metre length at a time. Allow the application to dry before proceeding. (Drying time is 1 - 1½ hours at standard condition 25°C and 50% humidity). If the Polyester fabric or Chopped Strand Remat becomes rain saturated, allow to dry out completely over an extended period before proceeding with the application process.

## Concrete Non- reinforced

Apply one coat of **Suitable Primer** to penetrate. Allow the application to dry thoroughly before proceeding. (Drying time is 1 hours at standard condition at 25°C and 50% humidity).

Finally apply two coats of **All-in-One Waterproofing** as supplied, allowing time to dry between coats. (Drying time per coat is less than 1 hour at standard condition 25°C and 50% humidity).

## Bitumen Substrate

Apply three coats of **All-in One Waterproofing** as supplied, allowing time to dry between coats. (Drying time per coat is less than 1 hour at standard condition 25°C and 50% humidity).

| Description   | Product  | Spread rate<br>*  |
|---|--|---|
| <b>Concrete roof Re-inforced system</b>   | <b>All-in-one waterproofing</b><br><b>Eramesh</b>  | 6 m <sup>2</sup> /L   |
| <b>Concrete Non- reinforced</b>   | <b>All-in-one waterproofing</b><br><b>Colour Retaining Primer</b><br><b>All-in-one waterproofing</b> | 2m <sup>2</sup> /L<br>6 m <sup>2</sup> /L<br>2m <sup>2</sup> /l |
| Roof (Cement, Asbestos, Nutec or any other porous surface)                                | <b>Colour retaining Primer</b><br><b>All-in-one waterproofing</b>                                    | 6 m <sup>2</sup> /L<br>2m <sup>2</sup> /l                       |
| Roof (Metal Surfaces)   | <b>Hydra C5</b><br><b>All-in-one Waterproofing</b>   | 6m <sup>2</sup> /l<br>2m <sup>2</sup> /l                        |
| <b>All-in-one Waterproofing</b> System over existing Waterproofing Systems (Unreinforced) | <b>Hydrolock Primer</b><br><b>All-in-one Waterproofing</b>   | 12m <sup>2</sup> /l<br>2m <sup>2</sup> /l                       |
| <b>All-in-one Waterproofing</b> System over existing Waterproofing Systems (Reinforced)   | <b>Hydrolock Primer</b><br><b>All-in-one Waterproofing</b>   | 12m <sup>2</sup> /l<br>2m <sup>2</sup> /l                       |



|  |  |  |
|--|--|--|
| Metal Flashings including Roof Valleys   | <b>Hydra C5</b><br><b>All-in-one Waterproofing</b>                                     | 6m <sup>2</sup> /l<br>2m <sup>2</sup> /l       |
| Galvanised metal Gutters   | <b>Hydra C5</b><br><b>All-in-one Waterproofing</b>                                     | 6m <sup>2</sup> /l<br>2m <sup>2</sup> /l       |
| Parapets and Horizontal Ledges   | <b>All-in-one Waterproofing</b>  | 2m <sup>2</sup> /l                             |
| Bathroom Showers (Concrete or Plaster screed surfaces and existing tiled surfaces) | <b>Waterproofing Screed</b><br><b>All-in-one Waterproofing</b>                         | 0,5m <sup>2</sup> /l<br>provide 2-4mm coverage |
| Ponds and Dams   | <b>Waterproofing Screed</b><br><b>Waterproofing</b><br><b>All-in-one Waterproofing</b> | 2m <sup>2</sup> /l<br>2m <sup>2</sup> /l       |
| Tanks (Cementitious and Steel)   | <b>Hydra C5</b><br><b>All-in-one Waterproofing</b>                                     | 6m <sup>2</sup> /l<br>2m <sup>2</sup> /l       |
| Channels and Gulleys   | <b>Waterproofing Screed</b><br><b>All-in-one Waterproofing</b>                         | 0,5m <sup>2</sup> /l<br>provide 2-4mm coverage |

## SAFETY INSTRUCTIONS

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces.

Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

## GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

e-mail: [info@painterspals.co.za](mailto:info@painterspals.co.za)

Toll Free: 0800 222 423

<http://www.painterspals.co.za>



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## **PREVENTING PROBLEMS AND GENERAL INFORMATION**

IMPORTANT: Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter Surveymaster Moisture Meter or equal. The ambient temperature must be between 4°C and 40°C and humidity between 10% and 85%.

Excessive application thickness and/or rapid drying could lead to mud cracking.

Avoid applying under adverse weather conditions as this could result in poor product performance.

Work from corner to corner, or from a natural cut off point to another.

Do not attempt touch ups, but redo complete panels.

Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture.

To ensure consistent appearance ensure that the batch numbers on all containers used are the same. Where batch numbers on containers differ, intermix containers before use.

## **CLEANING, STORAGE AND DISPOSAL**

Remove as much paint as possible from application equipment and wash immediately after use with water. Close containers tightly after use and store in a cool well-ventilated area.

Do not empty contents or wash water into drains or water courses.

When disposing please follow local authorities' regulations and recycle the container after use.

The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.