PAINTER'S PAL ALL-IN-ONE WATERPROOFING

CODE: 115802 REVISION : 02 DATE: 29 July 2022

GENERAL DESCRIPTION

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

USES AND PROPERTIES

Painter's Pal All-in-one Waterproofing 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;
- fire retardant;

Technical Data Sheet

Cost Efficiency
All-in-One Waterproofing can be applied onto aged membranes to renovate and extend useful lifetime of the roof.

Sustainability
Waterborne system with no use of solvent*, low odour and no EH&S concerns.

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

TECHNICAL DATA

Binder Type	:	PU Acrylic Polyurethane Dispersion
Drying Time	:	Surface: 1 - 2 hours (at 23°C and 50% relative humidity) Hard Dry/fully trafficable: Single coat - 24 hours
Drying Process	:	Water evaporation followed by coalescence
Over coating	:	4 hours
Viscosity	:	120 - 130KU
Specific Gravity	:	1.13 ±0,05 kg/litre
Non Volatile Mass:	:	65 ±3%
Non Volatile Volume	:	60 ±3%
Gloss	:	Satin sheen
Coverage	:	1 m² - 4 m² / litre for entire application system
Clean Equipment With	:	Water
Colour Range	:	White, Black, Grey, Red Oxide, Yellow Oxide, Green Oxide
Pack Sizes	:	1 litre, 5 litre, 20 litre

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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 a Painter's Pal Paints Outlet or can be downloaded from our website – 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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APPLICATION (continued)

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 - $1^1/_2$ 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 Colour Retaining Primer to penetrate. Allow the application to dry thoroughly before proceeding. (Drying time is 3 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 3 hour at standard condition 25°C and 50% humidity).

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Bitumen Substrate

Apply one coat of Dekro Hydrolock Primer to prevent bitumen bleed through and bonding. Allow the application to dry thoroughly before proceeding. (Drying time is 2 hours at standard condition at 25°C and 50% humidity).

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

Reinforcing with Membrane

Apply one coat of Dekro Hydrolock Primer to prevent bitumen bleed through and bonding. Allow the application to dry thoroughly before proceeding. (Drying time is 2 hours at standard condition at 25°C and 50% humidity).

Apply three coats of **All-in-one Waterproofing** to a minimum film thickness of 600µ and allow 1 hour drying time between coats 2 and 3. Reinforce joints and horizontal surfaces with chopped strand Remat, by saturation (Joints must be applied by brush - two coat applications are required by splitting into two approximately equal coats.)

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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.

PREVENTING PROBLEMS AND GENERAL INFORMATION

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