



## Technical Data Sheet

# Duraklad

### Product description

A durable high quality UV resistant exterior pure acrylic paint with superior rain and water-resistance above standard scrubability as well as low H2O permeability.  
Fibre re-enforced to overcome hairline cracks.

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### Recommended use

Ideal for coastal high humidity exterior surfaces including interior damp areas. Also highly suitable for generally smooth interior and exterior surfaces in need of UV protection, flexibility and antifungal properties.

#### Features:

- Environmentally Friendly
  - Low VOC as well as Ammonia-, APEO- and Lead-free
  - Superior Water Repellent Properties
  - Excellent Antifungal Properties
  - Good Obliteration and Excellent Adhesion to difficult substrates
  - Extended Durability
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### Product Specifications

Appearance	Smooth Medium Sheen Finish	
Colour	White, Pastel Base, Deep Base, Clear Base and STD Colour Range	
Product Type	Pure Acrylic Emulsion	
Product Code	DUK001	
Solids	± 55% by mass and 40% by volume	
Recommended DFT	Min: 45 µm	Max: 65 microns µm
Spreading Rate	Min: 8 m <sup>2</sup> /L at 55 µm	Max: 10 m <sup>2</sup> /L at 45 µm
Viscosity @ 24°C	Min: 110 KU	Max: 115 KU
SG @ 24°C	Min: 1.20	Max: 1.30
VOC Level	Less than 25g/L	
Scrubability	More than 20 000	
Flash point	Non Flammable	
Diluent	Ready for use product (Thinning for spraying must not exceed 1 Clean Cold Water to 10 Parts Paint)	
Cleanup	Clean Water	

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## Surface preparation

Surfaces must be clean, dry and properly primed or sealed.

### NEW WORK:

New plaster must be given adequate drying time, moisture content must be less than 15%.  
Apply one coat of Duraline Plaster, Masonry or Acrylic Plaster Primer.

### PREVIOUSLY PAINTED SURFACES:

Surfaces must be in completely stable condition.  
Loose flaking paint and efflorescence must be brushed and completely removed and any bare metal areas e.g. nail heads, spot primed with an appropriate plaster, masonry or acrylic primer. Old enamel or oil painted surfaces must be well sanded. Apply one coat of Duraline Universal Undercoat

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## Application Instructions

Paint should be thoroughly stirred with a flat paddle or spatula to an even consistency. It is also recommended to stir the paint frequently during the course of the paint project.

Product supplied ready for use. Apply with a brush or roller. Thinning is not recommended except for application by spray, thin with maximum 10% water.

**NOTE:** Surfaces must be clean and dry before application.  
Surfaces should not be primed in wet or cold (below 10°C) weather.  
Drying times must be extended during wet or cold weather.  
Ensure good ventilation during application and drying.  
Do not apply direct to bare metal surfaces.

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## Drying time

Drying times are generally related to air circulation, temperature, film thickness and Number coats, and will be affected correspondingly. The figures given in the table  
Are typical with:

- \* Good ventilation (outdoor exposure or free circulation of air)
- \* Typical film thickness
- \* One coat on top of inert substrate

<b>Substrate temperature</b>	<b>5°C</b>	<b>10°C</b>	<b>23°C</b>	<b>40°C</b>
<b>Surface dry</b>	<b>4 h</b>	<b>3.5 h</b>	<b>1h</b>	<b>30min</b>
<b>Through dry</b>	<b>16 h</b>	<b>10 h</b>	<b>4 h</b>	<b>3 h</b>
<b>Dry to recoat, minimum</b>	<b>16 h</b>	<b>10 h</b>	<b>4 h</b>	<b>3 h</b>

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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## Cleaning

Tools, equipment and spillages can be cleaned up with warm, soapy water, before the primer dries. Remaining paint should either be stored in a smaller container for touch-ups over a period of not exceeding 12 months or left open to dry through in order for appropriate disposal.

## Typical paint system

<b>Primer or Undercoat</b>	<b>1x35 um</b>	<b>(Dry film Thickness)</b>
<b>Duraklad (Coat I)</b>	<b>1x40 um</b>	<b>(Dry film Thickness)</b>
<b>Duraklad (Coat II)</b>	<b>1x40 um</b>	<b>(Dry film Thickness)</b>

**Other systems may be specified, depending on area of use**

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## Storage

Keep product out of reach of children and pets.

This product should be stored in a cool, dry place between 8°C – 25°C, and out of direct sunlight.

Keep container closed when not in use, to prevent from drying out.

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

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## Handling

Handle with care. Stir well before use.

Avoid contact with eyes. Should eye contact occur, rinse with copious amounts of water and seek medical advice.

Although non - hazardous, this product may be harmful if swallowed. Should this occur, do not induce vomiting. Seek medical attention immediately.

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## Packing size

1L, 5L or 20L container

Packing may vary from country to country according to local requirements.

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## **Health and safety**

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

**For detailed information on the health and safety hazards and precautions for use of this product, we refer to the material safety data sheet.**

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## **Disclaimer**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.