



Technical Data Sheet

Natural Silk

Product description

Superior medium sheen acrylic paint based on a 100% pure acrylic emulsion.

Recommended use

Ideal for smooth interior and exterior surfaces in need of a medium sheen finish with added UV protection, flexibility and antifungal properties.

Features:

- Environmentally Friendly
 - Low VOC as well as Ammonia-, APEO- and Lead-free
 - Superior Water Resistance and Extremely Hydrophobic
 - Reduced water permeability
 - 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	DCS001	
Solids	± 45% by mass and 35% by volume	
Recommended DFT	Min: 20 µm	Max: 40 microns µm
Spreading Rate	Min: 8 m ² /L at 40 µm	Max: 10 m ² /L at 20 µm
Viscosity @ 24°C	Min: 105 KU	Max: 112 KU
SG @ 24°C	Min: 1.20	Max: 1.28
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	

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

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.

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

Substrate temperature	5°C	10°C	23°C	40°C
Surface dry	4 h	3.5 h	1h	30min
Through dry	16 h	10 h	4 h	3 h
Dry to recoat, minimum	18 h	14 h	4 h	3 h

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.

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

Primer or Undercoat	1x35 um	(Dry film Thickness)
Natural Silk (Coat I)	1x40 um	(Dry film Thickness)
Natural Silk (Coat II)	1x40 um	(Dry film Thickness)

Other systems may be specified, depending on area of use

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.

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.

Packing size

1L, 5L or 20L container

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

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.

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.