

PRODUCT DESCRIPTION

Generic: Waterborne fluorocarbon paint

General Description:

Dulux Pro Waterborne Fluorocarbon Paint is a super premium exterior wall paint developed by an advanced technology, with maximum stability of F-C bond in fluorocarbon resin which can show excellent atmospheric corrosion and weather resistance. Compared with traditional acrylic exterior finish, fluorocarbon paint can show longer protection and acid rain corrosion resistance. Otherwise, fluorocarbon paint has good flexibility, can cover hair-line cracks. With low surface tension, paint film can not absorb dust and oil dirt in the air easily, and can clean easily. It makes exterior wall exhibit excellent durability and weathering.

Typical Uses:

For use on new or previously painted masonry surface such as brickwork, concrete wall decoration and renovation. Also for use on EIFS as finish.

SPECIFICATION DATA

Colour: White or custom colors

Finish: low sheen

Clean-up Solvent: Soapy water and water

Theoretical Specific Gravity:

1.3 kg/L(white)-varies with color

Theoretical Solids By Volume:

40% (white)-varies with color

Theoretical Coverage at 70microns DFT:

5.7 m²/L
Practice spreading rate is depended on the variety of substrate, applying process, service environment, surface roughness and others.

Recommended Film Thickness:

70-100 microns-dry film
175-250 microns-wet film

Service Temperature Limits: 80°C, dry environment

Dry Time @ 25°C & 50% RH: (Standard single film layer)

Touch Dry: 0.5-1 hours

Recoat: 2-3 hours

Ventilation, film thickness, humidity, thinning and other factors can influence the rate of dry.

Pack Size: 15L.

Shelf Life: 24 months at 25°C-unopened

FEATURES

Advantages:

- Excellent weather resistance, exhibit longer protection and durability.
- Excellent atmospheric corrosion resistance, and acid rain corrosion resistance.
- Good flexibility, can cover hair-line cracks.
- Excellent stain resistance, easy to clean.
- Water-based products, more healthy and environmentally friendly.

TYPICAL PAINTING SYSTEM

New Surfaces:

Primer: Dulux Pro Weathershield Primer A931-65978 (1 coat)

Finish: Dulux Pro Waterborne Fluorocarbon Paint A898 (2 coats)

Or Primer: Dulux Pro Weathershield Primer A931-65978 (1 coat)

Undercoat: Dulux Membrane 105 A194-105 (1 coat)

Finish: Dulux Pro Waterborne Fluorocarbon Paint A898 (2 coats)

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, grease, wax, polish, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

New Wall:

1. Fresh concrete must cure at least 28 days and meet application requirement before painting. PH must be <10.0, R.H. must be <15%.
2. Remove all loose materials and salts. Fill the cracks & defects with proper filler.
3. Primed with Dulux Pro solventborne sealer A579-15054 or Dulux Pro Weathershield Sealer A931-65978, and ensure hard dry before painting.

Previously Painted Surface:

1. Remove powdery or flaking paint either by washing with a high pressure water jet or scraping.
2. Fill the cracks & defects with proper filler.
3. To seal powdery surfaces and to obtain best results first apply one coat of Dulux Pro Solventborne Sealer A579-15054.

Fungus Growth Wall:

1. Remove all fungus either by washing with a high pressure water jet or scraping.
2. Wash the surface with appropriate fungus washing. Rinse with clean water and wall till dry.
3. To obtain best results first apply one coat of Dulux Pro Solventborne Sealer A579-15054.

NOTES FOR USE

1. Read the application instruction thoroughly before use.
2. Stir well before use.
3. Thin with clean water when necessary. Do not over dilute.
4. Do not hold too much paint on paint brush or roller.
5. Do not pour the diluted paint back to the original pack.
6. Recommend to use up opened paint quickly.
7. UV exposure is required prior to paint film performance test for the benefit of UV curing technology.

DIRECTIONS FOR USE

Tinting: White or Customer colors

Thinning: Thin up to 10% (volume ratio) depend on different application method & temperature. Do not over thin by adding more than 20% (volume ratio) clean water. Do not over dilute.

Brush or Roller: For sealing new or bare surfaces thin with up to 20% (volume ratio).

Spray Recommendations:

Conventional Spray: Add up to 20% (volume ratio) clean water.
Airless Spray: Ready for use.

Mixing: Stir and obtain a smooth, homogeneous condition.

Application: Mix thoroughly before use. May be applied by brush, roll or spray. For conventional spray, most equipment can obtain good effect. For airless spray, use a .023" tip and minimum working pressure is 140 bar (2000PSI). Adjust pressure as needed. Use two coats for maximum durability and uniformity. Do not hold too much paint on brush or roller. Do not pour the diluted paint back to the original pack. Do

not apply when surface or air temperature is below 5°C and R.H. is 85% or above. Deep/Bright color products application may be applied according to "Deep/Bright Color Application Guide"

Spreading Rate: Apply at 4-5.7m²/L or 70-100microns dry film. Actual coverage may vary depending on substrate and application method.

Drying Time: At 25°C and 50% R.H., dries to touch in one hour and to recoat in two hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

Topcoats: Topcoat with self.

Cleaning Up: Clean with warm soapy water.

Before confirming coating system, please consult your AKZONOBEL DECORATIVE COATINGS SPECIALIST for proper systems. Systems must be selected considering the specific requirement, the particular environment, application process and others involved.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

- Keep Container tightly close and out of reach of children.
- A suitable cartridge mask should be worn when rubbing down.
- Ensure good ventilation during application and drying.
- Do not breathe vapor/spray.
- In case of insufficient ventilation during spraying wear suitable respiratory equipment. All respiratory equipment must meet an appropriate (NOISH/MSHA) approved standard.
- Keep away from food, drink and animal feeding stuffs.
- When applying paint it is advisable to wear eye protection and gloves.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Remove splashes from skin use soap and water or a recognised skin cleaner.
- If swallowed seek medical advice immediately and show this container or label.
- Care must be taken when transporting paint; Keep container in a secure upright position.
- Protect from extremes of temperature. Store in a cool place.
- In the event of an accident contain and collect spillage using sand or earth. Do not empty into drains or water courses.
- Dispose of any paint waste in accordance with the appropriate local environmental regulations.

(Please request product safety data sheet from product dealer and refer to it before use.)

Akzo Nobel Swire Paints (Shanghai) Ltd.
Akzo Nobel Swire Paints (Guangzhou) Ltd.
Akzo Nobel Decorative Coatings (Langfang) Co., Ltd.

Guangzhou Office Tel: (020) 83880680 Fax: (020) 83752250
 Shanghai Office Tel: (021) 54050909 Fax: (021) 54050958
 Beijing Office Tel: (010) 85282099 Fax: (010) 85282080
 Chengdu Office Tel: (028) 61533121 Fax: (028) 61533113

Wuhan Office Tel: (027) 85448566 Fax: (027) 85449722
 Kunming Office Tel: (0871) 3200217 Fax: (0871) 3105139
 Xian Office Tel: (029) 88402522 Fax: (029) 88402565
 Shenyang Office Tel: (024) 22532170 Fax: (024) 22532397

For more detail paint system, please logon: www.dulux.com.cn

