

PRODUCT DESCRIPTION

Product Description:

Dulux Pro Ecosure Insulation Flexi Exterior is a high performance waterborne exterior top coat which contributes to energy saving. By using the leading solar reflection technology, it provides at most triple solar reflection rate thus strengthen the heat insulation performance of the exterior wall in hot season. The yearly energy saving rate can be 10% at most, which be used to cool down the indoor temperature.

As a high performance flexible silicone acrylic paint, it uses the leading UV cross-link technology and opaque polymer technology thus offers better superior functional excellence in flexibility, weathering resistance, good water proof and dirt pick up resistance compare with traditional flexible paints.

Dulux Pro Ecosure Insulation Flexi Exterior ties in the wall protection, environmental friendly and energy saving as well, which keeps the building long last and always looks new. It helps cut down the building's consumption of energy thus further accelerate the progress to sustainable development.

Typical Uses:

For use on new or previously painted masonry surface such as brickwork, plaster, cement and rendering. Especially for EIFS system.

SPECIFICATION DATA

Composition (Nominal):

Lightfast non-lead pigment, Pure Acrylic Polymer and silicon resin, Water, Additives

Volume Solids: White 45% (nominal), other colours will vary.

Drying Time: Single coat at standard thickness (25 °C, 50% RH)

Touch Dry: 1-2 hours

Recoat: 4 hours

Drying times will vary depending on temperature and humidity. Longer drying time is needed when the temperature is below 15 degree C or when humidity is higher than 80%.

Wet Film Thickness: 100um

Dry Film Thickness: 45um

Colour Range: Please refer to Dulux Pro Ecosure Insulation Flexi Exterior's color card.

Pack Size: 20L

Storage: Always store in cool & dry places and avoid freezing.

Finish: Matt

FEATURES

Advantages:

• **Energy saving and eco-friendly.**

It provides at most triple solar reflection rate thus strengthen the heat insulation performance of the exterior wall especially in summer.

The yearly energy saving rate can be 10%, which most relates to air conditioner cost to cool down the indoor temperature.

• **Excellent flexibility,**

Excellent elasticity property both in normal and low temperature which can cover.

• **Good dirt pick up resistance**

Flexible silicone acrylic formula with the leading UV cross-link technology and opaque polymer technology which strength the anti-stain performance.

• **Excellent weathering & color retention**

TYPICAL PAINTING SYSTEM

Masonry surfaces, EIFS surfaces

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

Finish: Dulux Pro Ecosure Insulation Flexi Exterior A828(2-3 coats)

Or:

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

Undercoat: Dulux Pro Membrane Series (1 coat)

Finish: Dulux Pro Ecosure Insulation Flexi Exterior A828 (2-3 coats)

to get even colour, opacity and sheen.

GENERAL SURFACE PREPARATION

Surface Preparation: Surfaces must be thoroughly clean, dry and free from all loose dirt, chalk or powder. New surfaces such as plaster and concrete should be fully dry before painting. Bare wood and metal surfaces should be primed in the usual way.

New Wall:

1. Fresh concrete must cure at least 30 days and meet application requirement before painting.
2. Remove all loose materials & salts.
3. Fill the cracks & defects with proper filler.
4. To resist alkalis and to obtain best results first apply one coat of Dulux Pro Wall Primer Sealer.

Previously Painted Surface:

1. It is important to confirm that the adhesion of existing paint

to the substrate is strong and can be painted over by this thick membrane system without causing delamination when dry.

2. Remove powdery or flaking paint either by washing with a high pressure water jet or scraping.
3. Fill the cracks & defects with proper filler.
4. To seal powdery surfaces and to obtain best results first apply one coat of Wall Primer Sealer.

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 wait till dry.
3. To obtain best results first apply one coat of Dulux Pro Wall Primer Sealer.

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. Recommended to use up opened paint quickly.

DIRECTIONS FOR USE

Theoretical Coverage: Theoretically one litre of this product can cover 10-12 sqm. Coverage will vary considerably depending on application methods and surface roughness & porosity.

Application: Brush, Roller, Conventional Spray or Airless Spray

Thinning: No thinning required. If thinning is necessarily, please dilute with no more than 20% water.

Application Recommendations:

Airless Spray: Almost equipments can content the request.

Airless Spray: A typical set up for airless spray application

would be a minimum working pressure on paint of 140 kg/cm² (2000 lb/sq in) with a spray tip size 0.48-0.53mm (0.019-0.021 inc.) And a spray tip angle 65°

Cleaning Up: Clean all equipment with clean water immediately after use.

Application Precautions:

1. Apply above 5°C (surface temperature) in dry condition. do not apply when RH is 85% or above.
2. No suggest equip solvent base paint applied EIFS system. When applying deep or bright colour, you will need to apply more coats than normal for opacity and evenness of colour. (Refer to Deep/Bright Colour Application Guide)

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 Paints (Shanghai) Ltd.

Akzo Nobel 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