

## HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION:

- No added Lead, Mercury or Chromium compounds
- Lead content in dried paint film does not exceed 90 parts per million
- Treatments such as sanding, burning off etc. of paint films may generate hazardous dust and other fumes. Wet sanding/flaming should be used wherever possible. Work in well ventilated areas. Use suitable personal protection Equipment.
- Do not get in eyes, on skin or on clothing
- Call a POISON CENTER or physician if you feel unwell
- Safety datasheet available for professional/user on request
- Use only in well ventilated areas

## WARNING

### Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation
- Very toxic to aquatic life
- Toxic to aquatic life with long lasting effects

## PRECAUTIONS:

- • Keep out of reach of children
- If medical advice is needed, have product container or label in hand
- Wear protective gloves, protective clothing and eye or face protection
- Avoid release to the environment • Wash hands thoroughly after handling
- Collect spillage
- Take off contaminated clothing and wash it before reuse
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice or attention
- Store locked up
- Dispose of contents and containers in accordance with all local, regional, national and international regulations



## CONTACT US:

### Registered office

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*Note: The information provided above may change without prior notice.*



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## Dulux Weathershield Powerflexx Product Data Sheet





### PRODUCT DESCRIPTION :

**Dulux Weathershield Powerflexx** is a high-performance ultra-premium exterior emulsion paint powered by **PU-MA (Polyurethane Modified Acrylic)**; & **Silicon Technology**, that provides excellent protection against weather attacks especially rains and UV. **The Core & Shell binder system** provides the Surface of the walls with their **long-lasting durability**. Powered by its revolutionary **Triple Defense technology (Superior crack proof, Superior weather resistant & superior water resistant)**, it gives your home ultimate protection from extreme rainfall, hairline cracks, extreme heat, UV rays, dirt, dust, and Water resistance. **Advanced Bio pack system** ensures that the surfaces remain free of **Algal & Fungal growth** for long periods of time.



### PRODUCT FEATURES AND BENEFITS :



#### Triple Defence Technology

- Superior Crack Proof (10X Wider cracks\*\*)
- Superior Weather Resistance
- Superior Water Resistance



#### 12 Years assured protection



#### Advanced Algae & Fungus Guard

Protects 2X longer from algae and fungus with Smart Release Technology



#### Powered with Advanced PU

- Superior Rich Sheen
- Superior Durability



#### Low VOC & Low Odour



#### Sunreflect Technology

Reduces exterior surface temperature by upto 5°C

### PRODUCT RELATED INFORMATION :

#### Film Composition:

Pigment	: Light fast Non-Lead/Chrome pigment
Binder	: PU-Modified Acrylic co polymer with Core & Shell Technology.
Solvent	: Water
Colour	: As per AkzoNobel catalogue

Finish	: Smooth
Volatile organic compound (VOC) level in White & bases	: Low VOC (Theoretical) ASTM D 3960 – >50 gm/L. VOC for shades will vary depending on the colorant quantity.
Gloss/Sheen Level	: Available in High sheen
Flash Point (IS 101/1987, Part 1, Sec 6)	: Non-Flash
Stability of Thinned Paint	: Can be used within 24 hours of thinning after mixing
Theoretical Coverage	: The Spreading capacity of this product will vary considerably according to the roughness and porosity of the surface.

	On smooth surface of low porosity: 45-60 sqft/litre/2 coats
	On high porous absorbent surface: 30-45 sqft/litre/2coats

Pack Size	: Available in 1,4, 10 & 20 liters
Shelf Life	: • 3 years from the Date of Manufacturing in the original sealed condition
	• Store under cover, away from direct sunlight and protect from extreme temperature
	• In hot temperature conditions, it must be stored in a temperature - controlled environment i.e. less than 30 Deg c.

### APPLICATION RELATED INFORMATION:

Before application, read the safety, health and environmental information and the precautions given below.



#### Application Tool :

Suitable for application by brush or roller.



#### Prepare

##### Surface Preparation :

- Freshly Plastered surfaces must be allowed to cure completely. It is recommended to allow at least 4 weeks as the curing time for new masonry surfaces.
- Ensure surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi, algae and flaking paint. This can be achieved by brushing with a wire/stiff coir brush, followed by water jetting if required.
- Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.
- If after thoroughly cleaning the surface, the surface still exhibits chalkiness, the surface should be coated with Dulux Weathershield Alkali Bloc Primer.
- For areas severely affected by algae or fungus application of Dulux Aquatech Pre-Treatment coat is recommended.
- Fill up all minor cracks and defects with Dulux Aquatech Range of crack fillers as per requirement. Alternatively use mortar modified with Aquatech Waterproof repair polymer.
- Weathershield Powerflexx should not be applied to the surfaces or substrates which are exposed to continuous seepage or dampness.



#### Paint

##### Priming coat Application

Application of Putty is not recommended. Apply one self- priming coat or one coat of Dulux Exterior Acrylic Primer or Dulux Weathershield Alkali Bloc Primer after thinning with water in the ratio of 1:1 by volume. For best performance self-priming or Weathershield Alkali Bloc is recommended, especially in case of surfaces that exhibit chalkiness post cleaning or are prone to efflorescence.

##### Self-Priming and Base coat Application (For Water Proofing Application)

- Prime the surface with Dulux Aquatech Waterproof basecoat/ Dulux Aquatech Flexible Waterproof basecoat (Self Priming). Mix one liter of Dulux Aquatech Waterproof basecoat/ Dulux Aquatech Flexible Waterproof basecoat with 300 ml water to be used as a self-priming coat.
- After 1 self-priming coat follow by 1 coat of Dulux Aquatech Waterproof basecoat/ Dulux Aquatech Flexible Waterproof basecoat in the vertical walls. This coat is to be applied undiluted. Ensure coverage of the water proofing coat as recommended for DFT achievement & good waterproofing.



#### Dilution :

- Dilute 1 lit of paint with 300-400 ml of water. In case of dark colors, dilute 1 lit of paint with a maximum of 250ml of water (An additional coat may be required for full opacity)



#### Finishing :

- Stir thoroughly before use. Apply 2-3 coats of Dulux Weathershield Powerflexx over the base coat and allow a drying time of 4-6 hours between the coats. An additional coat should be applied in case of horizontal surfaces like the top of windows, ledges, parapet wall, etc. It is recommended to wash/clean the building every year for the better performance of the coating.

#### Clean

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



#### Drying Time (Single coat at standard thickness) :

- Touch Dry : Upto 30 Mins.
- Recoat : 4-6 hours.
- Drying time may vary according to temperature and humidity. For instance, drying time will be significantly longer in cool and humid conditions.