

ICI **Dulux**<sup>®</sup>  
**TileShield**  
 ACRYLIC EMULSION PAINT



▲ **PRODUCT DESCRIPTION**

Ordinary exterior paints cannot protect sloping tile roofs and exterior brick walls from algae and fungus attack. Dulux TileShield has a strong latex film which gives exterior tiles, bricks and stones a rich sheen and protection from algae, fungus, cracking and peeling on hard surfaces.

Dulux TileShield is also available in a Clear variant. Its dual technological edge preserves the natural look of tiles, bricks and stones, at the same time providing protection from algae and fungus.

Dulux TileShield is compliant with the requirements of Bureau of Indian Standards (IS: 5411, Part B) for exterior emulsion paints.



▲ **PRODUCT FEATURES AND BENEFITS**

- Tough water-repellant paint film protects from rain
- Powerful anti-algal/fungal compounds for protection against black spots
- Latex-enriched formula gives a long-lasting glow to tiles & bricks
- International quality pigments that resist fading
- Clear variant also available to preserve the natural look

▲ **PRODUCT RELATED INFORMATION**

**Film Composition:**

Pigment :	Light fast Non-Lead/Chrome pigments
Binder :	Acrylic Copolymer Latex
Solvent :	Water

**Volatile Organic Compound (VOC) level for White & Bases :**  
 10-40 gm/litre  
 VOC will vary for shades depending on colourant quantity

**Gloss / Sheen Levels:**

Available in Mid-Sheen and Clear variant

**Flash Point (IS 101/1987, Part 1, Sec 6):**  
 Non-Flash

**Stability of Thinned Paint:**

Use within 24hrs of thinning

**Dry Film Thickness (Calculated):**

75 - 90 microns at a coverage of 50-60 sqft/litre

**Practical 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 : 50-70 sqft/litre/ 2coats
- On smooth surfaces of high porosity : 35-55 sqft/litre/ 2 coats

These figures are only an approximate guide. Due to variation in different surfaces, the coverage may vary. It is recommended to do a coverage trial before finalising the paint requirement.

**Pack Size:**

Available in 1,4,10 and 20 litres

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▲ **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



**Surface Preparation:**

- Ensure surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungus, algae and flaking paint. This can be achieved by brushing with a wire/stiff coir brush, followed by water jetting if required. Avoid inhalation of dust during cleaning of the surface
- For areas severely affected by algae or fungus application of ICI Pre-Treatment Coat is recommended
- It is not recommended for use over-glazed tiles



**Priming:**

- Do not apply any kind of putty or primer



**Dilution:**

**TileShield Colour**

- Dilute 1 litre of paint with 300-400 ml clean water
- In case of deep colours, dilute 1 litre of paint with a maximum of 250ml clean water (An additional coat may be required for full opacity)

**TileShield Clear**

- Do not dilute. Apply as supplied



**Finishing:**

- Stir thoroughly before use
- Apply 2-3 coats of Dulux TileShield with 4-6 hours between coats



**Drying Time:**

(Single coat at standard thickness):

- Touch dry : Up to 2 hours
- Recoat : 4-6 hours

Drying time may vary according to temperature and humidity. For instance, drying time will be significantly longer in cold, damp conditions.

▲ **POST APPLICATION INSTRUCTIONS**

For best performance of the paint, ensure proper washing and cleaning of all algal and fungal growth at regular intervals of six months.

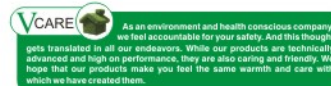
▲ **SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

- Keep out of reach of children and away from food, drink and animal feed
  - Avoid contact with skin. Wear suitable gloves
  - Contains DTHO-2, 2-BIS (BENZMETHYLAMIDE)
  - May produce an allergic reaction
  - Avoid release to the environment
  - Refer to special instruction/safety Data Sheets
  - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
  - Contains spillage using sand or earth
  - Store container in an upright position, with lid tightly closed, in a cool, dry place
  - Safety Data Sheet available for professional user on request
- Contains no added Lead, Mercury or Chromium compounds.

▲ **PRECAUTIONS**

1. Do not apply when ambient temperature is less than 10° C or if the temperature might drop to this level within 4 hrs of application.
2. Do not apply during wet weather.
3. Do not overthin or overextend the brush.
4. Do not use universal stainers or any other colourants.
5. Stir well before use.
6. Tinted paints need thorough shaking immediately after tinter addition as well as before use.

▲ **CONTACT US**



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In case of any complaints please contact, Complaint Management Cell, ICI India Ltd., Infinity Towers A, 7th floor, DLF Cyber City, Phase II, Gurgaon - 122002, Haryana, India, Ph: 0124-3266087

For more information on our products, visit us at [www.icidulux.co.in](http://www.icidulux.co.in)

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

PRODUCT DATA SHEET

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