

CRACKS AND FUNGUS GONE. PROTECTION ALWAYS ON.



**WEATHERSHIELD
MAX**

Product Data Sheet

A Winning product powered by Active Guard Technology



Dulux Weathershield Max is a high performance exterior paint which actively protects exterior walls from cracks and fungus day after day. Powered by Active Guard Technology, it offers twin advantage for your walls. The unique elastomeric properties of Crack Proof cover hairline cracks and prevent water ingress and Advanced Fungal Protection keeps off black patches from walls by actively protecting against algae and fungus for 7 years.



Active Guard Technology offers dual benefits of Crack Proof and advanced algal and fungal Protection. Its Crack Proof Technology allows the paint film to stretch 2x* more to bridge hairline cracks and prevents water ingress on the exterior surface. Hence preventing dampness not only in exteriors, but also in the interiors of the house. It also comes with Advanced Fungal Protection which resists the formation of algae and fungus 2x* longer compared to standard premium exterior wall paints.

*2x in comparison to standard premium exterior wall paints

And Best in Class features



Sun Reflect

Reflects IR rays upto 2 times in comparison to regular exterior emulsions which keeps the exterior surface upto 5 degrees cooler.



Dirt Guard

UV Cross Linking Technology for superior dust resistance



Super Sheen

High Sheen levels are maintained for longer duration



Alkali Guard

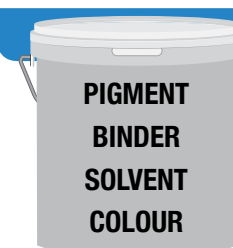
Provides supreme protection from Alkali attacks



7 years protection

Provides long lasting protection for 7 years from the damaging effects of weather

Product Related information



Film composition

PIGMENT	Light Fast Non Lead/Chrome Pigments
BINDER	Acrylic Copolymer Latex
SOLVENT	Water
COLOUR	As per the shade card

VOC Levels



Low VOC (Theoretical)
ASTM D 3960 – 15-45 gm/L.
VOC for shades will vary depending on the colorant quantity

Flash Point (IS 101/1987, Part 1, Sec 6)

Non Flash

Stability of thinned paint



Use within 24 hours of thinning after mixing with water

Practical Coverage

The spreading capacity with vary considerably according to the roughness and porosity of the surface.

On Smooth Surface of low porosity:

50-65 sq ft/ Ltr /2 coats

On Textured Surface of low porosity:

30-45 sq ft/ Ltr /2 coats

The figures are only an approximation guide. Due to variation in different surfaces the coverage may vary. It is recommended to do a coverage trial before finalizing the paint requirement.

Gloss/Sheen Level



Film thickness

Dry Film Thickness (Calculated)
75-90 microns

MASONRY SURFACE

Pack Size



Application related information

Surface preparation

- Freshly Plastered surfaces must be allowed to cure completely. It is recommended to allow at least 12 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 / cement and sand mixture in the ratio 1:3. Avoid application of putty or filling compound.
- Dulux Weathershield Max should not be applied to the surfaces or substrates which are exposed to continuous seepage or dampness.

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.

Application Tools



Suitable for application by brush or roller

Dilution

Dilute 1 lit of paint with 400-500 ml of water. In case of dark colors, dilute 1 lit of paint with a maximum of 250 ml of water (An additional coat may be required for full opacity)

Finishing:

Stir thoroughly before use. Apply 2-3 coats of Dulux Weathershield Max 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.

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 damp conditions.

Precautions: • 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. • Do not apply during wet weather. • Do not over thin or overextend the brush. • Do not use Universal stainers or any other colourants. • Stir thoroughly before use

Health Safety and Environmental Information

• **No added Lead, Mercury & 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 • Wear eye/hand protection • Do not breathe vapour/spray • Remove as much paint as possible from brushes and rollers before cleaning • Avoid release to the environment • Collect spillage • Keep away from food drinks and animal feed • Store in a cool and shaded place • Container must be in a secure upright position and be tightly closed Do Not use empty container for storing food • In case of contact with eyes rinse immediately with plenty of water and seek medical advice • In case of contact with skin wash immediately with soap and water or a proprietary skin cleanser. Do not use solvents or thinners • Do not empty into drains or water course • Safety data sheet available for professional/user on request • Do not use empty container for storing food • Use only in well ventilated areas • Lift with care - gross weight may exceed 10 kg or.

Hazard Statements

- Very toxic to aquatic life with long lasting effects



Precautionary Statements

- Keep out of reach of children • If medical advice is needed, have product container or label at hand • Do not get in eyes, on skin or on clothing • Call a POISON CENTER or physician if you feel unwell • Dispose of contents and containers in accordance with all local, regional, national and international registrations

In case of any complaints please contact, Customer Care Cell Ph: 1800 3000 4455

Email: customer.care.india@akzonobel.com or write to: Customer Care Manager

AkzoNobel India Limited, DLF Cyber Terraces, Building No. 5, Tower A, 20th Floor, DLF Cyber City, Phase III, Gurugram 122002 Haryana, INDIA


Registered office:

AkzoNobel India Limited, Geetanjali Apartment, 1st Floor, 8B Middleton Street, Kolkata 700071

CIN: L24292WB1954PLC021516

www.dulux.co.in

MADE IN INDIA

AkzoNobel, AkzoNobel logo, Dulux Flourish logo  and Planet Possible logo are trademarks of the AkzoNobel Group of Companies © AkzoNobel 2014

AkzoNobel