



TECHNICAL DATA SHEET (TDS) LSC U.V SHIELD

Product Description

LSC U.V SHIELD is a premium 100% pure acrylic emulsion base paint. It is formulated specially for all exterior masonry surfaces to provide excellent protection and decoration. Weather Guard is highly resistant to fungus and algae growth. It provides excellent color retention, alkaline resistant, adhesion and durability. No peeling and flaking. It is also suitable to be used for interior walls.

Paint Type : Water Based
Product Type : Interior
Finishing : Matt
Recommended Substrate : Masonry, brick, plastering substrate and fibre board.

Composition:

Pigment : Titanium dioxide and mineral extender
Binder : Pure Acrylic Emulsion
Thinner : Water

Application Method:

Method of Application : Brush or roller application
Product Preparation : Stir mixture thoroughly before use. Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.
Recommended Coating : Sealer/ Primer : LSC 5000 Wall Sealer : 1 Coat
: Top Coat : LSC U.V Shield : 2 Coats

Technical Data :

Drying Time

Touch Dry : 15-30 minutes (Dependent on temperature and humidity)

Hard Dry : 30-60 minutes (Dependent on temperature and humidity)

Recoating Time

2-3 hours (Dependent on temperature and humidity)

Dry Film Thickness

Around 30µm per coat (based on substrate condition)

No. of Coats : 2 coats

Theoretical Coverage

10-12 m² per liter coat (actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)

Shelf Life : Up to 36 months in tight sealed container

Product Data :

Packaging size : 1-Litre, 7-Litre and 18-Litre

Base availability : A,B,C and D

Colors : As per the color card and LSC Colors
Tinting Machine

Tinting : Can only be used in LSC tinting machines

Gloss Level : Matt

Solid by Volume : 45 ± 2 volume % (based on White Color)

Specific Gravity : 1.55 ± 2 (based on White Color)

Surface Preparation:

Remove all loose, defective paint, powdery residue, dust, loose chalk and foreign matter. Repair cracks and uneven surfaces with LSC Multi Purpose Joint Compound or suitable fillers. Smoothen putty / fillers areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry. Avoid painting when the moisture content and alkalinity of the walls are still high.

Safety Precaution:

1. Keep container tightly closed.
2. Keep out of reach children or away from food and drink.
3. Ensure good ventilation during application and drying.
4. When applying paint, it is advisable to wear eye protection.
5. In case of contact with eyes rinse with plenty of water immediately and seek medical advice.
6. Remove splashes from skin by using soap or water.
7. Paint must always be stored in a cool place.
8. When delivering paint, care must be taken. Always keep container in a secure upright.
9. Dispose of any paint waste in accordance with the appropriate Environment Quality Regulations.

Note:

The above information is given to the best of our knowledge based on laboratory tests. Since we cannot control the conditions which our products may be used, we only guarantee the quality of our product itself. We reserve the right to alter the given without prior notice.