

Application Guidelines

Concrete/GRC products



RELEASE AGENTS

Use of a suitable water-based release agent, which does not reduced adhesion of coatings, is recommended.

PREPARATION

All surfaces should be clean, thoroughly dry, and free of dust, grease, release agents and other contaminants.

Failure to prepare the substrate properly will impede drying and reduce coating adhesion.

APPLICATION & STORAGE CONDITIONS

StoneLux coatings must be kept away from frost, cold draughts and should be stored at a temperature above 10°C.

StoneLux coatings may be applied to surfaces between 10°C to 30°C, but it is desirable to avoid the extremes. Ensure surface temperature is at least 5°C above dew point to prevent moisture condensation during the drying process.

Factory conditions in the spray area should ideally be between 15°C to 25°C with low humidity levels. Temperatures outside these levels will adversely affect drying time and the long-term coating performance.

Drying areas must be kept dust free and at a steady 15°C to 25°C temperature. Avoid switching off heating overnight. Drying is greatly improved if a steady air flow is maintained over the face of the coating. This can be achieved with overhead fans. It is also important to replace the damp air with fresh dry air. Do not force dry.

Do not apply in rain, temperatures below 10°C or if exposure to these conditions or frost is likely during the curing time.

STABILISER

A stabilising solution should be applied to the substrate prior to application of Stonelux Primer.

PRIMER

Supplied ready to use, stir thoroughly before application.

Brush/Roller Application

Using a natural soft bristled brush, apply an even, full, coat of Primer in the correct shade to all surfaces. A second coat of primer can be applied where there is a significant colour change.

Spray Application

Using a gravity fed spray gun, apply an even, full, coat of Primer in the correct shade to all surfaces. Wet film thickness should be between 150 and 200 µm with no over coating on corners or joints.

Drying time

In normal drying conditions allow a minimum of 1 to 3 hours.

STONELUX COATING

Supplied ready to use, stir thoroughly before application. A minimum of 3 coats is recommended.

Brush/Roller Application

Using a natural soft bristled brush, lay an even, thin, coat of Stonelux coating onto the substrate. Do not over brush. If brush strokes remain, finish with light brush strokes or stippling.

Spray Application

Using a gravity fed spray gun, apply an even, full, coat of Primer in the correct shade to all

surfaces. Wet film thickness should be between 300 and 500µm with no over coating on corners or joints.

Drying time

In normal drying conditions allow a minimum of 1 to 3 hours.

DENIBBING

Defects or imperfections should be denibbed between coats using a fine grade sandpaper.

PACKAGING

Ensure the coating is thoroughly dry before packing and palletising. Failure to do so can adversely impact the long-term performance of the coating.

CLEANING EQUIPMENT

Clean equipment with a mild detergent and water after use. Rinse with clean water. Do not empty materials into drainage system.

FURTHER INFORMATION

If you require further information, please contact StoneLux Limited on **01405 720281**.

Material Safety Data Sheets and Technical Data Sheets are available on request or by visiting **www.stonelux.co.uk**.

Care has been taken to ensure the accuracy of the information provided in this application guide, however, Stonelux Limited is unable to guarantee any results due to a lack of control over the application techniques used or the conditions under which Stonelux products are applied.



StoneLux Limited

Unit 10 Humber Street Industrial Estate, Goole, DN14 5UJ

Tel: 01405 720281 Email: info@stonelux.co.uk

Website: www.stonelux.co.uk