

deGruchy's

LIME



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Mortar & Plaster  
For Historic Restoration  
and Green Building

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## Saint-Astier® Lime Paint

### Lime Paints – Recommendations & Data

Vibrant and beautiful, the Le Décor – Saint-Astier® lime paint range is the perfect compliment to lime plaster and suitable for most backgrounds. It can be applied to gypsum plasters, drywall, lining paper, cement and lime backgrounds, bricks, blocks and untreated timber.

### Mixing

Fill the container with clean water to the beginning of round opening from bottom going up. A quart will require around 900ml of water (approximately 3.75 cups), a gallon will require roughly 3.5 liters of water (approximately 3.7 quarts) and a 5 gallon around 17.6 liters of water (approximately 4.65 gallons). Proper mixing is essential. When mixed it should be completely free of lumps or fine particles. For gallon and quart containers put the lid on securely and shake for 3-5 minutes to thoroughly mix the lime paint. For mixing a five-gallon pail blend using a drill mixer with a paddle attachment for 3-5 minutes to thoroughly mix the lime paint. Best to let sit with lid on for 24 hours before use. Stir and apply to per dampened masonry surface.

### Application

Do not work in temperatures below 40°F (8°C) or above 85°F (30°C) or in a humid environment. Protect painted areas from direct sun, drying wind, and rain for 3 to 4 days (longer in damp weather conditions). Do not use warm air dryers. All new plastered surfaces should be properly cured before applying lime paints.

Apply with a good quality long hairbrush in short strokes. Evenly and thinly spread the lime paint on the surface, work into any small hollows or cracks. Do not overload the brush, use only the bottom third of the bristles, do not apply unevenly. Stir regularly during application. Generally, 2 coats are sufficient. Wait 12 – 24 hours between coats.

On large areas of work, always keep the working edge damp, do not allow the lime paint to dry out and form a dry joint. Inadequate protection of the working area will exacerbate drying. Maintain a dampened

background in advance of application with a light mist spray if necessary. Sufficient personnel should be used to complete large areas without forming dry joints. Always finish whole walls or elevations into details, angles, corners, down pipes or the like in one operation to avoid color banding.

### Background

Remove any loose or flaking paints and repair defective plasters or stuccos. Test the background for suction by lightly flicking clean water from a brush on to the surface of the wall. Rapid suction into the background means that dampening with clean water will be required. In this case it may also be necessary to thin the first coat with 30% additional water. If thinning is required mix as normal then take out with a measured container the quantity you require to be thinned, place it in a separate container and add the extra water. A low suction background does not require pre-wetting or additional thinning for the first coat. Very smooth or polished surfaces offering little or no suction might require sanding down with sandpaper to create the necessary suction.

Ensure that background is dry, clean and sound. Do not use lime paint in areas subjected to abnormal condensation such as a kitchen or bathrooms, unless sufficient ventilation is available to prevent condensation. Lime paints are not film-forming materials that will hide the background condition therefore salts and dampness will show through. Some surfaces may have variations in background materials (i.e.: brick, stone, cement, etc) and therefore care is required in controlling differing suction levels. Lime paints can react with some modern gypsum premixed plasters due to their additives content. Wallpaper joints are often smeared with adhesive during hanging. Make sure that the adhesive paste used is water-soluble. Clean the joint before applying lime paint, as excess adhesive residues on the face of the paper will cause the lime paint to dry out a different color.

***Recommendation: If in doubt, always try on a small test area.***

### **Unsuitable Backgrounds**

Not to be used on backgrounds with no suction or containing waterproofing agents, oil paints, grease distempers or cement paints, which have water repellent agents.

### **Protection**

Do not use below 40°F (8°C) or above 85°F (30°C). Avoid working in foggy/damp weather. Protect from rain, strong direct sunlight and drying winds for at least 24 hours or longer if required.

### **Emergency and first aid procedures**

In case of contact with eyes, immediately flush eyes with large quantities of clean water for at least 15 minutes. Call a physician if irritation persists. Or skin contact, flush with water. If swallowed, do not induce vomiting. Give large quantities of water. Call a physician. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

### **Precautions of safe handling**

Special care should be taken to prevent dust from becoming airborne. The use of ventilation and wet methods are recommended.

**Respiratory Protection:** Use an appropriate NIOSH approved full-face piece or half mask air-purifying respirator with particle filters.

**Protective Clothing:** Coveralls and protective gloves are recommended to reduce skin contact.

**Eye Protection:** Safety glasses or goggles are recommended to reduce eye contact.

### **Disposal**

Sweep and place bulk material in containers and remove for disposal. Flush spill area with water. Material should be disposed of in a landfill in accordance with all local, state and federal regulations.

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### **Contact**

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