



LUNA

PRODUCT DESCRIPTION

Paintsmiths Luna is a stucco type, cementitious plaster based on a unique formulation containing marble dust, natural additives, redispersible resins and carefully selected pigments. It provides optimum protection and provides a unique and aesthetically pleasing finish.

AVAILABILITY

Made to order.

FEATURES & BENEFITS

- Extremely tough and durable
- Outstanding flexible qualities
- Superior alkali resistance
- Excellent weather and ultraviolet resistance
- Controlled water vapour permeability enabling the substrate to "breathe"
- Superior adhesion to all suitably primed substrates
- Excellent impact and abrasion resistance
- Rapid drying properties in both low and high temperatures
- Water-based, low odour
- Non-hazardous, non-toxic, environment friendly
- Zero VOC

COLOUR RANGE

Available in a selected colour range.

RECOMMENDED USES

INTERIOR and EXTERIOR surfaces.

For use suitably prepared and primed substrates. This includes cement plasters, concrete, fibre cement, ceiling boards, off shutter concrete etc.

It is particularly suitable to accentuate design elements of a structure through imaginative paneling. The high build texture effectively hides surface imperfections.

APPLICATION

Applied in three stages.

Paintsmiths Luna is a Specialised Designer Product. Due to the complex nature of the application of this product, and the demand for the highest standard of application and finish, it must be applied by a Paintsmiths recommended specialist applicator.

A Paintsmiths Technical Advisor should be consulted on any matter regarding the use and or application of this product.

Do not apply Paintsmiths Luna onto very hot substrates. The resultant rapid drying of Paintsmiths Luna could result in adhesion failure. Apply under cool conditions, or wet the substrate to cool.

APPLICATION METHOD

- **New Work:** Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry and sound.
Apply one coat of Skimcoat and allow to cure for at least 16 hours. Then apply the Paintsmiths Luna as detailed below:
- **1st stage:** Add 4 parts powder to 1 part water and mix well.
A mechanical mixer is preferred to ensure a homogenous smooth paste mixture. Using a steel trowel, apply 1 coat of Luna tinted to the required colour at a thickness of 1.0mm. Allow to cure for at least 16 hours.
- **2nd stage:** Add 3 parts powder to 1 part water and mix well. Using a mohair roller, apply another coat of Luna at a thickness of 1.5 mm. While still wet and using a steel trowel, move the trowel lightly over the coating to suppress the peaks of the coating. Do not apply pressure. Allow to cure for at least 16 hours.
- **3rd stage:** Apply 2 coats of Glaze (Antique) with a rag, brush or sponge to give the desired effect at a spreading rate of 6 - 8m² / litre per coat allowing a drying time of at least 4 hours between coats.

Luna has a pot life of approximately 2 hours when mixed. DO NOT USE mixture that has begun to set beyond this pot life.

SPECIFICATION

New Work: Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry and sound. Apply one coat of Skimcoat. Apply Paintsmiths Luna to match the approved colour and pattern.

Redecoration: Prepare by removing all loose and flaking paint, dirt, grease and grime. Rake out cracks, spot prime exposed areas and proceed as for new work.

GENERAL CONSIDERATION REGARDING APPLICATION**CLIMATIC CONDITIONS**

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. The coating should never be applied during adverse weather conditions, or on wet surfaces. Even if the weather seems fit, there may be condensation if the temperature of the substrate is at or below the dew point (temperature at which the atmospheric humidity condenses e.g. as dew) the product should only be applied when the temperature of the substrate is at least 2°C above dew point. In hot climates, the coating should be applied during the morning and late afternoon hours and if possible away from direct sunlight. Variations in temperatures will affect drying times.

BATCH CONTROL

It is the responsibility of the contractor to ensure colour consistency.

It is recommended that sufficient material to complete the project be ordered where possible to eliminate possible colour variation. Where this is not practical, sufficient material to complete an elevation should be ordered with any excess used as the first coat on the subsequent elevation.

GENERAL PRECAUTIONS

Expansion/control joints should be sealed before painting and should be finished with a compound which will accept water based finishing products.

A suitable Primer may then be applied directly over these joints.

Always allow for drying times between coats.

TECHNICAL SPECIFICATIONS

(All tests are performed at 23° and 50% relative humidity. Material Safety Datasheets are available on request.)

COMPOSITION	Natural Pigments, Marble dust, Fillers and resin in a cement or gypsum base.
VOC LEVEL	0g/litre (0%)
APPLICATION TEMPERATURES	Higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) Lower temperatures will retard the drying times (approximately halved for every 10 °C decrease)
APPLICATION	Combination of roller, block brush, steel trowel and spatula application.
DILUTANT / CLEANING	Water
SPREAD RATE	2.5 – 3.0 kg/m ²
Stage 1 (trowel applied)	1 kg / m ² (mix 4 parts with 1 part water)
Stage 2 (roller applied)	1.5 kg / m ² (mix 3 parts with 1 part water)
Stage 3 (Antique Glaze)	8.0 – 10.0m ² / L / coat
	This figure is indicative, and subject to applicator skill and substrate type and condition. Actual spread rates must be determined by the Applicator.
SHELF LIFE IN UNOPENED CONTAINERS	6 - 8 Months in unopened containers. Store in a cool dry and well ventilated place away from excessive heat or an open flame. Do not allow to freeze.
TRANSPORT	This product is non hazardous in accordance with transportation and classification of dangerous goods act (1996)
HANDLING & SAFETY	This product is water based and non-toxic. Keep out of reach of children. It does contain chemicals that may be irritants to mammalian tissue. Appropriate protective clothing must be worn. Protect eyes and skin from exposure. If the product is being sprayed, ensure adequate ventilation and ensure the use of proper ventilated masks. Wash spillages immediately with water. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested. Gather up environmental spillages and dispose of in accordance with regulations of local authorities.

DISPOSAL - BE MINDFUL OF THE ENVIRONMENT AT ALL TIMES

Residual paint, wash water and empty container will contaminate out environment and ground water and must be disposed of responsibly through an approved recycling scheme or your local Waste Management Company/Council. Wash water and left over paint must never be emptied into storm water drains or directly onto the ground. Leave empty paint containers open in a well-ventilated area till residual material has dried before disposing. Collect any spills with a suitable absorbent material and dispose of residue responsibly.

DISCLAIMER

As the application and surface to which the product is to be applied is beyond our control, Paintsmiths cannot be held liable for any loss or damage. The information above is intended as a guide only and Paintsmiths reserves the right to change the specifications without notice.