



PENTASIA UNIVERSAL (EXT/INT) PREMIUM GLOSSY EXTERIOR/INTERIOR EMULSION

PRODUCT DESCRIPTION

PENTASIA UNIVERSAL has unique formulation which gives a glossy finish and very good flexibility. Its unique cross-linking features contribute to its outstanding mechanical properties. It's nano technology performance enhances long lasting durability even in severest climatic conditions. It formulated to protect substrate from external factors like UV radiation, high humidity, rain and industrial pollution.

PENTASIA UNIVERSAL: contains micronized minerals and extremely stable fine quality pigments which render a smooth finish and long-lasting performance. It is based on special acrylic binder which gives glossy finish and retains gloss for longer time and gives excellent adhesion to concrete/cement/wood/metal. It contains also special additive which protects the paint film against algae and fungi and also forms highly flexible paint film.

SURFACE PREPARATION

PLASTER

New masonry surfaces must be allowed to cure completely. Recommended curing time is 28 days minimum. A base coat of Spl.CW.Primer for economic and better finish before application of PENTASIA UNIVERSAL can also be done.

CLEANING

Surface should be free from any loose paint, dust or grease. Growth of fungus, algae or moss should be removed by wire brushing and water. For old, friable and difficult surface: A coat of Snowsol stabilising solution is recommended. For detailed information please refer Snowcem Snowsol Technical literatures.

FILLING THE CRACKS, HOLES & DENTS

For filling cracks upto 3mm, holes and dents use Snowcare Wall Putty or white cement and fine sand in the ratio 1:3

For exterior surfaces or substrates that are subjected to continuous seepage or dampness, kindly get the repairs done before the top coat application.



PRODUCT FEATURES

8 Years Performance Warranty

Long Lasting Gloss

Anti-Fungal / Anti-Algal

Quick Drying

Low VOC

Free From Heavy Metals

COLOURS AVAILABLE

1500 +**currently available as per the Snowcem Paints Colour Spectra



MIXING RATIO

Mix 1 litre of PENTASIA UNIVERSAL with 10% (100ml) of clean potable water by volume for easy brushability



COVERAGE

Coverage is 160-200 sq. ft per lit per coat. Actual coverage may vary according to the porosity and texture of the surface. For abundant precaution, an initial trial may be undertaken to determine covering capacity on very rough or abnormal surfaces.



1 Coat: 160-200 sq. ft./litre
2 Coat: 80-100 sq. ft./litre

AVAILABLE PACK SIZES

The pack sizes available for PENTASIA UNIVERSAL are 20 l, 10 l, 4 l and 1 l

PAINT APPLICATION PROCESS FOR FRESH PAINTING

APPLICATION	DILUTION	RECOATING PERIOD
STEP 1 SNOWCEM SPECIAL CW PRIMER BRUSH / ROLLER/SPRAY	50% Dilution with water	4 hrs
STEP 2 SNOWCEM WALL PUTTY(For Ext/Int) KNIFE/PUTTY BLADE SNOWCEM ACRYLIC PUTTY (For Interior only) TROWEL	35% - 40% Dilution with water Acrylic Putty without dilution	O/N
STEP 3 SNOWCEM SPECIAL CW PRIMER BRUSH/ROLLER/SPRAY	50% Dilution with water	4 hrs
STEP 4 PENTASIA UNIVERSAL (EXT/INT) BRUSH/ROLLER/SPRAY	10% Dilution with water	4 - 6 hrs
STEP 5 PENTASIA UNIVERSAL (EXT/INT) BRUSH/ROLLER/SPRAY	10% Dilution with water	4 - 6 hrs

1. Recoat period is quoted for 25°C and 50% Relative Humidity, these may vary under different conditions.
2. Some shades may require 3 coats for proper hiding.

HORIZONTAL SURFACES LIKE TOP OF WINDOWS, LEDGES SHOULD BE PAINTED WITH 3 COATS OF PENTASIA UNIVERSAL FOR GREATER PROTECTION APPLICATION OF PRIMER IS MANDATORY





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TECHNICAL DETAILS

Nature	Thixotropic
Base	Special acrylic binder
Finish	Glossy smooth finish
Sheen Level	65±05 @ 60°GH
Drying time	Surface Dry: 30 Min /Recoat: 4 hrs.
Shelf life	3 Years
DFT	50 - 60 microns (2 coats)
Gloss@ 60 GH	= 50 ± 05 Unit

HANDLING & STORAGE

Keep containers airtight during handling and storage to avoid loss of material. Store PENTASIA UNIVERSAL in a cool dry place and also protect it from extreme climatic conditions during storage, in transit and at site.

PRECAUTIONS

It is not advisable to use any waterproofing chemical as base, top coat or additive. Over dilution of PENTASIA UNIVERSAL may result in shade variation, poor hiding, poor bonding or flaking. Excessive brushing and stretching are also to be avoided. No thinner or universal stainer is to be used with PENTASIA UNIVERSAL.

SAFETY MEASURES

Kindly refer to the MSDS for Snowcem Paints PENTASIA UNIVERSAL which gives detailed information on safety measures while handling the paint, which is available on request.

Store the container with the lid tightly closed in an upright position, in a cool, dry place.

Keep out of reach of children and away from eatables.

May be harmful if swallowed. In case of ingestion seek immediate medical attention. In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.

Do not pour leftover paint down the drain or in water courses.

In the event of spills, contain spillage using sand or earth.

POST PAINTING CARE

For the best performance of the paint, ensure proper washing and cleaning at regular intervals of six months.

Corporate office:

3rd Floor, Agrima Business Centre, N. K. Mehta International House, 178, Backbay Reclamation, Babubhai Chinai Marg, Mumbai - 400 020. Maharashtra, India.

Branches:

Ahmedabad | Bangalore | Ghaziabad | Jaipur | Kochi | Kolkata | Mumbai | New Delhi | Pune | Secunderabad

CFA Locations:

Cuttack | Indore | Jamshedpur | Kanpur | Nagpur | Raipur | Salem | Visakhapatnam

Eco-friendly Commitment: All products of Snowcem Paints are Lead, Chromium and Mercury free

Please consider the environment before printing it.

GREEN BUILDING PARAMETERS

PENTASIA UNIVERSAL
qualifies for
"GREEN BUILDING CRITERIA"

REFERENCE

Type of Paint	LEEDS*	TERI GRIHA#
Exterior Flat	100 g/l VOC	100 g/l VOC
Interior Flat	50 g/l VOC	50 g/l VOC

As per IS 15489 : 2004, Section 6.12.2.1 specifies the "product not to contain more than 5%, by mass, Volatile Organic Compounds"

* LEED - Leadership in Environment and Energy Design, USA.
TERI - The Energy and Resource Institute, India.
GRIHA - Green Rating Integrated Habitat Assessment.

VOLATILE ORGANIC COMPOUNDS

PENTASIA UNIVERSAL
contains less than 40 g/l VOC.
PENTASIA UNIVERSAL
contains 1-3% VOC.



HEAVY METALS

PENTASIA UNIVERSAL
is free from lead, chromium
(VI), cadmium, mercury and
its compounds.



HAZARDOUS CHEMICALS

PENTASIA UNIVERSAL
does not contain harmful
compounds like
formaldehyde, phenolic
compounds, benzene, etc.

