Snowcem PAINTS

PENTASIA
5 in 1 Premium Emulsion with Silicon
EXTERIOR EMULSION PAINT

PRODUCT DESCRIPTION

Pentasia Exterior Emulsion Paint is a specially formulated premium acrylic paint for exteriors with silicon enhanced, using pure acrylic resin and additives which allow it to last for years even when exposed to adverse atmospheric conditions in industralised areas and coastal cities.

The ingredients of Pentasia consists of premium quality pure acrylic emulsion, silicon additive, quality micronised pigments, extenders and other additives to enhance drying and flow properties.

Pentasia also contains special additives to prevent algal, fungal and bacterial growth, UV degradation and provides excellent alkali resistance.

Pentasia can be used for Interiors also.

SURFACE PREPARATION

PLASTER

New masonry surfaces must be allowed to cure completely. Recommended curing time is 28 days minimum. A coat of Snowcem Special CW Primer is recommended for best performance.

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 Special (CW) Primer / 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 application of paint.

PAINT APPLICATION PROCESS

APPLICATION	RECOATING PERIOD
STEP 1 SNOWCARE WALL PUTTY (OPTIONAL) TROWEL	O/N
STEP 2 SNOWCEM SPECIAL CW PRIMER BRUSH / ROLLER / SPRAY	4 hrs
STEP 3 PENTASIA EXTERIOR EMULSION PAINT BRUSH / ROLLER / SPRAY	4 - 6 hrs
STEP 4 PENTASIA EXTERIOR EMULSION PAINT BRUSH / ROLLER / SPRAY	4 - 6 hrs

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

HORIZONTAL SURFACES LIKE TOP OF WINDOWS, EDGES SHOULD BE PAINTED WITH 3 COATS OF PENTASIA FOR GREATER PROTECTION

APPLICATION OF PRIMER IS MANDATORY

PRODUCT FEATURES

- *Dirt Pick Up Resistant*
- *Water Repellent*
- *Exceptional UV Resistance*
- *Anti Algal - Anti Fungal*
- *Silicon Enhanced*
- *9 Years Warranty*

COLOURS AVAILABLE
1500+*
*Currently available in more than 1500 shades as per the Snowcem Paints Colour Spectra.

MIXING RATIO
Mix 3 Parts of **Pentasia Exterior Emulsion Paint** with 1 part of clean potable water by volume for easy brushability.

COVERAGE
Coverage 120-160 Sq. ft. per liter 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.

AVAILABLE PACK SIZES
The pack sizes available for **Pentasia Exterior Emulsion Paint** are 20 ℓ, 10 ℓ, 4 ℓ. and 1 ℓ.

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TECHNICAL DETAILS

Nature	Thixotropic
Base	High quality pure acrylic resin and other additives
Finish	Excellent smooth finish
Drying time	20 - 25 minutes for touch dry
Shelf life	3 years
DFT	50 - 60 microns (2 Coats)

HANDLING & STORAGE

Keep containers airtight during handling and storage to avoid loss of material. Store Pentasia 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 coat, top coat or as an additive. Over dilution of Pentasia 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 Exterior Emulsion Paint.

SAFETY MEASURES

Kindly refer to the MSDS for Pentasia Exterior Emulsion Paint 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.

GREEN BUILDING PARAMETERS

Pentasia 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 Exterior Emulsion Paint contains less than 40 g/ℓ VOC

Pentasia Exterior Emulsion Paint contains 1-3% VOC.

HEAVY METALS

Pentasia Exterior Emulsion Paint is free from lead, chromium (VI), cadmium, mercury and its compounds.

HAZARDOUS CHEMICALS

Pentasia Exterior Emulsion Paint does not contain harmful compounds like formaldehyde, phenolic compounds, benzene, etc.