

WONDERGUARD CERAMIC 16

PU Ceramic Enriched Waterproof Exterior Emulsion



Apollo Paints Wonderguard Ceramic 16 is a ready-to-use heat reflective luxury exterior emulsion fortified with advanced PU Ceramic technology and waterproof properties. Its durable, high performance primerless 2 coats system delivers superior protection, effectively shielding exterior walls from harsh weather conditions.



PERFORMANCE FEATURES:

Apollo Paints Ceramic 16 exterior emulsion has excellent water repellence & strong film bonding, protecting against harsh weather conditions.

USP:

- ✔ PU Ceramic Enriched Emulsion - Hi-grip & protection against harsh weather conditions
- ✔ Microsphere Technology: Heat Shield (Heat Reflective - Keeps interiors cool)
- ✔ Advanced Water Proof
- ✔ PU based Dirt Pick-up Resistance
- ✔ High Film Build

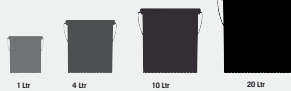
USAGE AREA:

On Exterior Plastered surfaces.

Most Ideal: New Constructions, Luxury Houses, High Profile Commercial / Apartment Buildings & Show rooms.

AVAILABLE PACK:

20, 10, 4 & 1 Ltr pack.



DIRECTIONS FOR USE:

SURFACE PREPARATION:

New Surfaces – Freshly plastered surfaces should be allowed to cure completely. Ensure the plaster is completely dry and thoroughly clean, free from any dust, flakes and dampness, etc. Make sure that all water leakages/seepages are repaired before painting.

Previously painted surface – Remove all loose particles, powdery material or defective paint by thorough wire brushing, scraping and water jetting (if required). If chalking or powdery surface persists, apply one coat of Apollo Paints Instacare Nano Seal Ultra PU or Aroprime Exterior Primer with a recommended dilution.

***In both the above-mentioned cases (Fresh Painting & Repainting), any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire brushing & cleaning with water.**

FILLING:

- ✔ **CRACKS:** For filling cracks, up to 3mm use Apollo's InstaCare Crack Lock.
- ✔ **For Holes & Dents:** In case of dents and holes use Apollo's Wall Grace White Cement based putty or combination of white cement and fine sand in the ratio 1:3.



FINISH PAINT:

Newly plastered surface: After cleaning the surface, directly apply two coats of Ceramic 16 without any dilution. Apply an additional coat on certain surfaces like horizontal, sloped surface for added protection. Avoid painting under direct sunlight for better coverage. Allow an interval of 3 to 4 hours gap between successive coats.

Application on previously painted surface: A single coat of Ceramic 16 without any dilution is sufficient, if the previously painted surface is of same color. However, two coats of finish paint are always advisable. In case of change in color, then a minimum two coats are must. Apply an additional coat on surfaces like horizontal, sloped surface for added protection. Avoid painting under direct sunlight for better coverage. Allow an interval of 4 to 5 hours gap between successive coats.

Maintenance Tips: For better maintenance of the surface ensure proper cleaning of any algal or fungal growth at regular intervals of six months.

RECOMMENDED UNDERCOATS:

*** No Primer coat required. However, old / repainting surface one coat of Apollo Paints Nano Seal Ultra PU or Aroprime Exterior Primer is advisable depending upon the condition of the wall surface.**

For waterproof warranty# (refer warranty clause) and excessive dampness use Apollo Paints Instacare Damplok PU, Damp Guard or Nano Seal Ultra PU as recommended to limit further dampness. However, rectification of seepage source is the permanent solution to dampness.



COVERAGE **

Non-Primed Surface	Minimum Recommended Number of Coats	Coverage
By Brush / Roller Application	Two Coats	1 Coat 100 – 110 sq ft/ltr 2 Coats 50 – 55 sq ft/ltr

On Primed Surface	Minimum Recommended Number of Coats	Coverage
By Brush / Roller Application	Two Coats	1 Coat 110 – 115 sq ft/ltr 2 Coats 55 – 60 sq ft/ltr

**Coverage depends on many factors like surface conditions, surface preparation, application skill, weather conditions, dilution etc. The coverage mentioned is under ideal conditions and will vary depending up on site conditions.

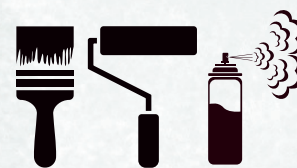
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TECHNICAL DATA:

1	Thinning	No Dilution Recommended.
2	Thinning Ratio for Vibrant/ Dark shades	Maximum of 50ml of water per liter of Paint.
3	Method of application	By Brush, Roller or Spray
4	Drying Time	SD: 2hrs
5	Pot life of thinned material	Use within 24hrs
6	Sheen Level	25 - 30 @ 60° GH
7	Flash Point	100% water-based paint, hence NA
8	Recommended Surface	Sand/Cement Plastered Surface, asbestos, brickwork, concrete block.
9	VOC (gm/ltr)	Meets the LEEDS VOC criteria as per Indian Green Building Council Version 1.0
10	Fire Hazard Class	Non - flammable
11	Safety Data	Refer MSDS



By Brush, Roller or Spray



Non - flammable



IGBC

Meets the LEEDS VOC criteria as per Indian Green Building Council Version 1.0

Shelf life: 3 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

SAFETY MEASURES:

- ✔ Keep out of reach of children and away from eatables.
- ✔ Please refer to the product related MSDS which is available on request.
- ✔ May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- ✔ Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- ✔ In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- ✔ 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.
- ✔ No added Lead, Mercury or Chromium compounds.

PRECAUTIONS

- ✔ Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs of application.
- ✔ Do not apply when humidity is greater than 90%. It may cause prolonged drying time of paint and moisture condensation on the walls.
- ✔ In high humidity areas, use of a Bio-wash solution is recommended to remove surface fungus growth, fungal spores, mould, etc. before application of the paint system.
- ✔ Stir well & strain before use. Tinted paints need thorough shaking immediately after tinter added as well as before use.
- ✔ For best performance, ensure that the surface is dry. The moisture level on the wall should be less than 14%. If the moisture level is more than the recommended level. Find out the source of water and address it before painting.
- ✔ Use diluted materials within 48 hours
- ✔ Keep the left-over paint container tightly closed to prevent drying.

SPECIAL NOTE *

Before painting the following things should be checked thoroughly:

1. pH value of the wall surface (Ideal condition between 7-10).
2. Moisture content of the wall (Ideal condition –below 12-14%).

If these are violated, Company will not be responsible.

*As per test conducted at Apollo R&D.

DISCLAIMER:

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on suitability of products meeting their requirements prior to full scale usage of our products. Since the correct identification of problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results arising from the use of our products.