PRODUCT CODE 5658

Apcolite Rust Shield PU Enamel

Asian Paints Apcolite Rust Shield PU Enamel is a general purpose, PU Modified Alkyd based finish for Metal substrate. It can also be used for wood and masonry substrate.



SOLVENT BASED

asianpaints
LEAD FREE*GUARANTEE

* All Asian Paints products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.

PRODUCT BENEFITS

Asian Paints Apcolite Rust Shield PU Enamel offers superior strength and durability, while imparting a smooth rich gloss finish along with superior rust protection for your metal surfaces. The product is suitable for brush and spray applications.

Warranty
Apcolite Rust Shield PU Enamel comes with 4 years# of Rust Protection warranty.

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 60 months from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

COLOURS AVALIABLE

1300*



*Currently available in 1300+ shades as per the Colourworld Fandeck

COVERAGE



FOR WARRANTY
3 COATS UNDILUTED APPLICATION
3 YEARS OF RUST PROTECTION WARRANTY
50-55 sq. ft**/ ltr / 3 coats
(4.64 sq. meter**/ ltr - 5.10 sq. meter / ltr)

2 COATS OF TRUCARE YELLOW METAL PRIMER WITH
2 COATS OF APCOLITE RUSTSHIELD PU ENAMEL
4 YEARS OF RUST PROTECTION WARRANTY
95-110 sq.ft**/ ltr / 2 coats
(8.82 sq.meter**/ltr – 10.22 sq.meter / ltr)



FOR NON-WARRANTY APPLICATIONS
2 COATS
Dilution: 8-10%by volume (brushing)
15-20% by volume (spraying)
95 – 110 sq.ft** / ltr / 2 coats
(8.82 sq.meter** / ltr – 10.22 sq.meter / ltr)

HOW TO APPLY

PAINT APPLICATION PROCESS (METAL)

APPLICATION PROCEDURE FOR WARRANTY

1. REMOVE EXISTING PAINT, LOOSE RUST, MILL SCALE FROM THE METAL SURFACE BY CHIPPING, SCRAPPING OR USING ANY SUITABLE SOLVENT.
2. SAND THE SURFACE WITH EMERY PAPER 180 AND WIPE CLEAN.
3. USE WIRE BRUSH / MACHINE TOOL TO SMOOTHEN THE RUST PIKES AND SHARP EDGES FROM THE RUSTED SURFACE. THESE RUST PIKES AND SHARP EDGES ARE DIFFICULT TO COAT COMPLETELY AND HENCE SAME NEEDS TO BE SMOOTHENED BEFORE PAINTING.
4. IN CASE OF WIELDED JOINTS, ENSURE SHARP EDGES / PIKES ARE SMOOTHENED WITH MACHINE TOOL. THESE WIELDED JOINTS ARE HIGHLY SUSCEPTIBLE TO CORROSION AND HENCE FOR BETTER PROTECTION SPOT PAINTING OF THESE WIELDED JOINTS NEEDS TO BE DONE WITH PAINT AND ALLOWED TO DRY BEFORE STARTING COMPLETE PAINTING.
5. CLEAN THE SURFACE USING SOLVENT TO REMOVE GREASY DEPOSITS, FINE PARTICLE AND DUST.
6. ENSURE THE SURFACE IS CLEAN AND DRY BEFORE PAINTING.
7. APPLY THREE COATS OF UNDILUTED RUST SHIELD PU ENAMEL BY BRUSHING WITH 6 – 8 HOURS DRYING TIME INTERVAL.

APPLICATION PROCEDURE FOR NON-WARRANTY

1. REMOVE EXISTING PAINT, LOOSE RUST, MILL SCALE FROM THE METAL SURFACE BY CHIPPING, SCRAPPING OR USING ANY SUITABLE SOLVENT.
2. SAND THE SURFACE WITH EMERY PAPER 180 AND WIPE CLEAN.
3. USE WIRE BRUSH / MACHINE TOOL TO SMOOTHEN THE RUST PIKES AND SHARP EDGES FROM THE RUSTED SURFACE. THESE RUST PIKES AND SHARP EDGES ARE DIFFICULT TO COAT COMPLETELY AND HENCE SAME NEEDS TO BE SMOOTHENED BEFORE PAINTING.
4. IN CASE OF WIELDED JOINTS, ENSURE SHARP EDGES / PIKES ARE SMOOTHENED WITH MACHINE TOOL. THESE WIELDED JOINTS ARE HIGHLY SUSCEPTIBLE TO CORROSION AND HENCE FOR BETTER PROTECTION SPOT PAINTING OF THESE WIELDED JOINTS NEEDS TO BE DONE WITH PAINT AND ALLOWED TO DRY BEFORE STARTING COMPLETE PAINTING.
5. CLEAN THE SURFACE USING SOLVENT TO REMOVE GREASY DEPOSITS, FINE PARTICLE AND DUST.
6. ENSURE THE SURFACE IS CLEAN AND DRY BEFORE PAINTING.
7. APPLY TWO COATS OF RUST SHIELD PU ENAMEL WITH 6 – 8 HOURS DRYING TIME INTERVAL.

PAINT APPLICATION PROCESS (WOOD)

STEP 1 — SMOOTH SAND THE WOODEN SUBSTRATE WITH EMERY PAPER NO. 180. APPLY A COAT OF ASIAN PAINTS WOOD PRIMER. FOR GRAIN FILLING USE KPF OR AWP. ALLOW DRYING FOR 6 – 8 HOURS IN CASE OF KPF AND AROUND 4 HOURS IN CASE OF AWP.

STEP 2 — SMOOTH SAND PUTTY WITH EMERY PAPER NO. 320. APPLY A COAT OF ASIAN PAINTS WOOD PRIMER AND ALLOW TO DRY FOR 6 - 8 HOURS BEFORE APPLICATION OF TWO COATS OF RUST SHIELD PU ENAMEL WITH 6 – 8 HOURS DRYING TIME INTERVAL.

APPLICATION RECOMMENDATION

- Recoat period is quoted for 30° C and 65% relative humidity. This may vary under different conditions.
- Good ventilation is required in confined areas to ensure proper curing.
- Recommended thinner is Mineral Turpentine.
- Dilution recommendation:
  Brushing: 5 -7% by Volume Spraying: 15 – 20% by Volume
- Application viscosity (On Ford Cup No 4 @ 30° C):
  Brushing: 50 – 60 Secs. Spraying: 22 – 25 Secs.

ADDITIONAL INFORMATION

POST PAINTING CARE

For the best performance of the paint, ensure proper cleaning of all dust, oil and external particles, if any, at regular intervals of six months.

PRECAUTIONS

- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hours of this application.
- Stir well and strain before use.

TECHNICAL DETAILS

a) Coverage:
95 - 110 sq. ft** / liter / 2 coats [with Dilution]
(8.82 sq. meter/liter - 10.22 sq.meter** / liter)
b) Coverage:
50 -55 sq. ft** / liter / 3 coats [Undiluted Paint]
(4.64 sq. meter** / liter – 5.10 Sq. meter / liter)
c) Recoat Time: 8 hours minimum between coats
d) Flash Point: > 30° C
e) Shelf Life: 3 years
f) Stability of thinned paint: to be used within 24 hours
** - Actual coverage will however vary depending upon the nature / porosity of the substrate.

SAFETY FEATURES

- Kindly refer to the MSDS of Asian Paints Apcolite Rust Shield PU Enamel which gives detailed information on safety measures while handling the paint.
- Store the container with the lid tightly closed in an upright position, in a cool and 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.
- 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 pour over left over paint down the drain or in water courses.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium Compounds.

#Please refer to the warranty documents for the product at the Asian Paints Website for further information.

Version No. VN027/11/2026. Please note that this datasheet supersedes all previous versions.
For Feedback/complaints, write to Marketing Manager Services, Asian Paints Limited, 6A & 6B, Shantinagar, Santacruz (East), Mumbai - 400 055, Maharashtra, India.

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