



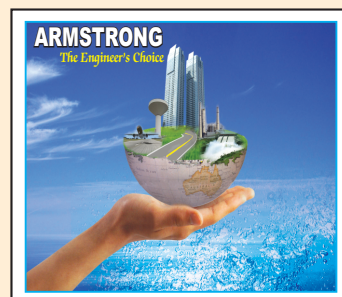
ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 Certified Company



Polyurethane Clear Coating

DESCRIPTION OF THE PRODUCT

RAINCARE PU CLEAR is a single component transparent Polyurethane blended waterproofing coating, Which can be applied on various surface like Metal, Concrete, Wood, Asbestos Floors etc. It is a self Curing type Products which forms a clear impervious, tough hard & abrasion resistant, Waterproof and durable clear coating . it remains unaffected by water, dilute acids, alkalies & various other chemical solutions.



ADVANTAGES

- ★ Resistant to water, dilute acids, oils, & various other chemical solutions.
- ★ Self curing type, no external curing is required.
- ★ Bonds strongly on cement concrete, cement plaster, asbestos, mild steel, wood, stones, etc.
- ★ Resistant to fungus & micro-organism growth.
- ★ Performs well in service temperature range of - 20°C to + 80°C.
- ★ Cold curing, cures at ambient temperature.
- ★ Being clear in nature, it does not affect the original appearance/ colour of surface.

TYPICAL APPLICATIONS

- ★ Additional protection to top coat from Weathering, corrosion etc.
- ★ Protection of metal, Wood, asbestos from external disturbances like humidity, U-V rays etc .
- ★ Protection/waterproofing of external vertical Walls, building roofs, terraces, from external disturbances.
- ★ Can be applied on concrete / metallic floor as a abrasion resistant coating.

TYPICAL CHARACTERISTICS

Complete curing time	72 hours minimum
Hard dry time	24hrs
Tack free time	2-3 hrs
Surface dry time	30-40 minutes
Recoatibility time at 30°C	10-12 hrs
Application time (pot life) At 30°C	2-3 hrs
Consistency of the mix	Ready to use, brushable
Finish	Smooth & glossy
Dry film thickness	40 - 45 microns per coat
Coverage	Concrete -35-40 Sq.ft. 1lr. / coat Steel - 50-60 sq.ft./1lr/coat

DIRECTION FOR USE

Surface Preparation : Surface Preparation is of great importance and will affect the degree of adhesion and life of the coating. The surface should be absolutely dry, free from dust, loose particles, damaged plaster, oils, greases, mould releases agents and dirt. Thorough wire brushing and water washing of the surface is a must.

Previously applied any coatings should be removed to the extent possible. The new concrete / plastered surface should be cured with water for minimum 28 days. Clean the dirt by washing it with water & allow the surface to dry completely. If the surface is too old and saturated with dirt, treatment with 15-20% hydrochloric acid is recommended, and thorough wire brushing. Wash the surface with water till neutralization. Allow the surface to dry completely, before application of this coating.

METHOD OF APPLICATION :

Apply with Brush or Roller or Airless spray.

STORAGE & SHELF LIFE :

The Shelf life is twelve months from the date of manufacturing when stored in original unopened containers at a temperature between -10°C to 35°C. Materials must be consumed as soon as the containers are opened.

PACKING :

1, 5 & 20 Ltrs.

PRECAUTIONS :

- ❖ Avoid application on damp or moist conditions as it will create blister formation problem.
- ❖ Some people are sensitive to resins, hardeners, solvents and its vapours, so it is advisable to use hard gloves and goggles.
- ❖ While application proper ventilation should be provided.
- ❖ Avoid application below 10°C temperature of surface. At low temperatures, otherwise drying and curing periods will be prolonged.
- ❖ Do not Apply from inside of the tank or room.
- ❖ Store at cool and dry place.

CLEANING OF TOOLS & EQUIPMENTS

Tools and equipments can be cleaned with water.



Manufacturers :
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