

AU-COTE 407 – Acrylic Urethane Floor Coating

DESCRIPTION

AU-Cote 407 is a water-based 3-component, acrylic urethane based floor coating system. It can be applied on exterior surfaces as it is colour-stable, UV-stable and weather-stable. It is formulated with anti-slip properties and resistant to abrasion.

FEATURES/BENEFITS

- Pre-packed in factory, ready to use on site
- Resistant to abrasion and wear conditions
- Water based – non toxic, odourless, easy to clean
- UV resistant – suitable for exposed application

FIELDS OF APPLICATION

- Footpaths & corridors
- Roof decks
- Terraces
- Plant & mechanical rooms
- Balconies/Patios
- Carparks
- Garage floors
- Game courts/Jogging tracks

PERFORMANCE DATA

Service Temperature – 0 - 80°C
Surface Temperature - 10°C - 30°C

PROPERTIES

Appearance	Medium Viscosity Liquid
Nature	3-Component
Recoat Time @ 23°C	4 – 6 hrs
Dry Time @ 23°C	4 hrs
Dry Time @ Bondbreaker	6 - 24 hrs
Full Cure @ 23°C	4 days
Coverage	6-8 m ² /kg
DFT	50 microns
Mix Ratio	18 : 2 : 1

METHOD OF USE

Surface Preparation

The surface needs to be grinded with a stone- or diamond- surface grinding machine (Do not use metal-ball blasting machine). Ensure all surface where **AU-Cote 407** is to be applied must be free from oil, grease, wax and loose materials, which may harmfully affect the adhesion of the coating. The surface needs to be clean, dry and sound. Maximum moisture content should not exceed 5%. New concrete structure need to dry for at least 28 days. Do not wash surface with water prior to the surface preparation.

Repair of Cracks

Clean cracks and hairline cracks of dust, residue or other contamination. Fill all cracks with suitable putty. Smoothen the putty surface with sandpaper or a mechanical grinder the next day.

Application

Stir **AU-Cote 407** thoroughly prior to each application. Apply material at a rate of approx. 0.17mm (wet film thickness) per coat.

For absorbent surfaces such as concrete, cement and screed, apply 1 coat **EPOXICOTE 401P** water-based primer by roller or brush. After 4 hours, apply the first layer of coloured **AU-Cote 407**.

After application of first layer of coloured **AU-COTE 407**, allow 4 to 6 hours for the coating to cure and apply the second layer of the coloured **AU-Cote 407**. Repeat procedures for the 3rd coat.

Anti-slip properties may be enhanced on application by using a textured roller.

Application on joints

All expansion joints and perimeter joints should be sealed with bondbreaker tape prior to application of **AU-COTE 407**.

ESTIMATING DATA

System	Product	Coverage
1 st coat	EPOXICOTE 401P Primer	0.2-0.3 (kg/m ²)
2 nd – 4 th coat	AU-Cote 407	6-8 m ² /coat

LIMITATIONS

- Do not use at areas subject to negative hydrostatic pressure or rising dampness.
- Wet or green substrate need to be sealed with **FLEXPROOF 507EB** water-based primer.

HANDLING

AU-Cote 407 should be stored in a dry place under shade, free from moisture contact.

PACKAGING

AU-Cote 407 – 21 kg set (**A18 : B2 : C1**)

SHELF LIFE

Max. 12 months in tightly closed original packing.

HEALTH & SAFETY

Only use **AU-Cote 407** as directed. Always ensure Safety Data Sheets are carefully read prior to the application of the materials. Protective clothing, gloves, eye protection & respirators must be worn at all times during application. Please consult & follow all instructions on the product Safety Data Sheets for detailed Health, Safety & Environmental Recommendations.

TECHNICAL & SITE SUPPORT

Asia Mortar provides technical advices & supports during design and application of our flooring systems. Please contact our Technical Department for further technical informations & any site assistance.

Asia Mortar Pte Ltd

19 Sungei Kadut Street 6 Singapore 728864

Tel: +65 6269 5575 Fax: +65 6269 5595 Email: info@asiamortar.com Website: www.asiamortar.com