



EpiMax 777UHD COLOURED



Coloured Seal Coat System

Description

EpiMax 777UHD Coloured Seal Coat System is performance water based two pack polyurethane coating system which offers good external durability. This system is easy to apply and is suitable for roller or airless spray application. It hardens quickly, especially with in conditions of good air flow and is suitable for a variety of external concrete wall applications. It offers good abrasion and chemical resistance.

EpiMax 777UHD Coloured Seal Coat System can be applied direct to concrete in many applications, but for enhanced durability, a prime coat of EpiMax 999WB Concrete Protective Sealer should be applied first.

This system also offers protection anti-graffiti protection to a variety of community and commercial infrastructure.

Advantages

- Hazmat free/non flammable
- Excellent durability
- Good adhesion
- Excellent abrasion resistance
- Meets BCA CRF Fire standard
- Anti-fungal formulation
- Water based formulation
- Application by roller or airless spray
- Excellent scuff resistance
- Meets GBCA Low VOC standard
- Good stain resistance

Typical applications

- External concrete walls and features
- Infrastructure projects
- General anti-graffiti protection
- Reservoir external protection

Typical properties

- Shelf life: 12 months
- Work time: 60 minutes at 25°C
- Recoat: 16 - 24 hours at 25°C
- Typical application rate: 8 - 10 m²/L
- Mix ratio : 4 volume Part A : 1 volume Part B
- Full cure: 7 days
- Volume solids by weight: 65% (varies with water addition)

Estimating data

18 ltr EpiMax 777UHD Coloured Seal Coat System = 140 - 180 m²/coat

General surface preparation

Concrete should be at least 28 days old. Ensure it is clean, dry and free of additives, curing agents, oils, etc. Prepare as necessary by professional diamond grinding or captive blast cleaning as applicable to expose firmly held aggregate. Allow to dry if wet. Always confirm preparation adequacy. Surface profile should exceed CSP 2.

General application comments

Note: Apply in well ventilated areas. Read SDS before use, taking note of Engineering Controls and PPE requirements.

The hardening mechanism is two stage. Firstly the contained water evaporates and then the chemical hardening takes place. Good air flow will always assist the water evaporation stage.

Review the area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing. Add EpiMax 777UHD Part B to EpiMax 777UHD Part A. Mix until uniform. To adjust the viscosity of the first coat, use up to 15% potable water as required. Apply in an even coat over the prepared surface at 8 - 10 m² per litre.

EpiMax 777UHD can be applied by roller or airless spray. Allow the coating to cure for 7 days prior to subjecting to full exposure.

Wet edge time is affected by temperature and air flow. Higher temperatures and airflow will decrease wet edge times.

Discard unused material when the work time is exceeded (60 minutes at 25°C) Work time may be difficult to visually determine, so always keep track of actual time.

Always protect from rain for 24 hours after application. Avoid application when RH is >80% and temperature is <12°C.

Colour change due to fading is a natural and expected form of paint degradation however it can also be easily confused with or exacerbated by other issues, such as environmental contamination which will also cause a noticeable change in appearance.

Ponding of water or immersion over an extended period may affect product durability. Contact EpiMax when this potentially could occur.

There will be a difference in colours between batches, even when the same formulation is used. If the raw materials are slightly different (within tolerance still) the end colour result will be slightly different.

External concrete walls

Prepare concrete to CSP 2 minimum.

Review the area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing.

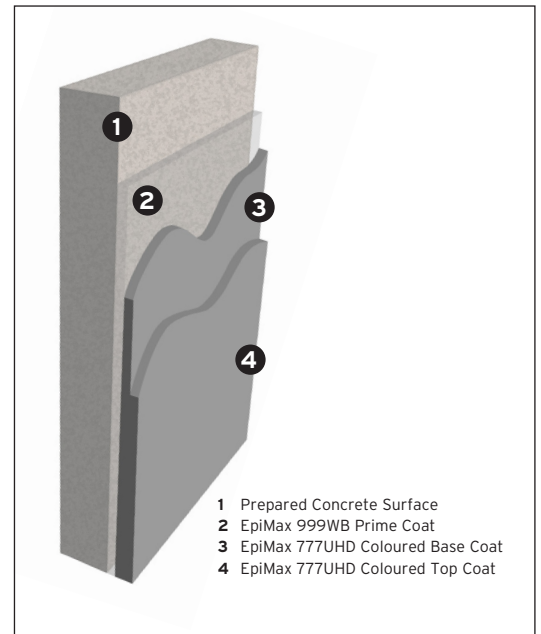
Prime with EpiMax 999WB Concrete Protective Sealer at 8 - 10 m²/L.

In conditions where the prepared concrete requires additional consolidation, consider a prime coat of EpiMax 999WB Concrete Protective Sealer.

Review the area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing. Add EpiMax 777UHD Part B to EpiMax 777UHD Part A and mix until uniform.

Apply by roller or airless spray in two coats (minimum) at 8 - 10 m²/L and observe recoat window.

Allow the coating to fully cure for 7 days prior to commissioning.



Over-coating applications

When over-coating previously applied EpiMax coatings, ensure the surfaces are clean, dry and free of any contamination and less than 24 hours old.

Apply EpiMax 777UHD Coloured Seal Coat System in two coats at 8 - 10 m² per litre.

Packaging

EpiMax 777UHD Coloured Seal Coat System 18 litre packs (includes Part A, Part B).

It is pre-packed in correct proportions for use.



Safety precautions

Read **Safety Data Sheet** before commencing any application. Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves and goggles etc) during use. Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre. Phone 13 11 26. If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.

TDG Code: Part A - Not Classified, Part B - Not Classified