

CONPELL PA100

2 component, fast curing, high solids, clear or coloured floor coating

DESCRIPTION

CONPELL PA100 is a two component, fast curing, high build clear or coloured floor coating ideal for both internal and external concrete surfaces. CONPELL PA100 has been specifically designed for use as a UV stable top coat for the CONPELL Epo Flake, Grip Rite and Epo Shield flooring systems, or as a fast cure coloured flooring system where fast return to service is required. CONPELL PA100 is available in a range of AS2700 colours, refer to the CONPELL colour card on the front page of the CONPELL website. Due to its unique design CONPELL PA100 is a hard wearing, durable coating, exhibiting good resistance to marking and staining.

PRODUCT FEATURES & BENEFITS

- Excellent adhesion
- Easy to use formulation
- Low odour
- Good resistance to marking and staining
- Exhibits good resistance to UV light
- Can be used both internally and externally
- Clear or coloured GLOSS finish
- Exhibits good chemical resistance
- Can be used in areas subjected to high levels of pedestrian and vehicular traffic

TYPICAL APPLICATIONS

CONPELL PA100 can be used in a variety of applications, as a durable, hard wearing UV resistant clear top coat for the CONPELL Epo Flake, Grip Rite & Epo Shield epoxy flooring systems, or as a coloured flooring system for internal and external concrete surfaces that require a quick return to service.

APPLICATION RATES

Total application rates are typically 6 - 8m² per litre per coat, CONPELL PA100 can be applied as a 1, 2 or 3 coat system, the application rates and required coats will vary depending on the substrate and the finish required.

PERFORMANCE PROPERTIES

COLOUR	CLEAR LIQUID , COLOURED WITH TINT ADDED
FINISH	GLOSS
MIX RATIO	1:1
VOLUME SOLIDS	100%
WEIGHT SOLIDS	INFORMATION NOT AVAILABLE
VISCOSITY	INFORMATION NOT AVAILABLE
POT LIFE (MIXED PRODUCT)	15-30 MINUTES
RE – COAT TIME	1.5 - 6 HOURS @ 25°C/50%RH
FULL CURE	7 DAYS @ 20°C/50%RH

PACK SIZES

CONPELL PA100 is available in 30ltr and 6ltr pack sizes.

CONPELL PA100

2 component, fast curing, high solids clear or coloured floor coating

PREPARATION

- All surfaces to be coated must be structurally sound and free of all previous coatings, adhesives, efflorescence or laitance by abrasive blasting, or mechanical grinding.
- All surfaces to be coated must be free of all dirt, grease, oil or other surface contaminants.
- All holes, non-structural cracks and surface deformities should be repaired prior to the application of CONPELL PA100.
- Very porous concrete may require a third coat of CONPELL PA100.
- Ensure re-coat times are adhered to between applications, re-coat times are 1.5 - 6 hours (depending on weather conditions), if re-coating occurs after 6 hours, the surface must be abraded prior to applying the next coat.

MIXING

1. Mixing should be by means of a mechanical forced action mixer with a high shear stirrer.
2. First, pre-mix each individual component to form a homogeneous paste.
3. Second, add 1 part B to 1 part A, mixing thoroughly for a minimum of 3 minutes until a homogeneous blended paste is achieved.
4. If diluting is required (recommended when applying directly to the concrete surfaces or when multiple coats are being applied) the mixed solution should be diluted 10 - 20% with Xylene.
5. Avoid trapping air during mixing.
6. Only mix enough product as can be used within the pot life of the product.

PLACING

1. Apply in a uniform manner using a brush or roller, ensure application rates are adhered to.
2. CONPELL PA100 can be applied from 1 to 3 coats depending on the substrate and the finish required.
3. Avoid pin holing.
4. Successive coats should be applied at right angles to the previous coats.
5. High humidity will reduce both the pot life and the curing time of CONPELL PA100.
6. Allow the surface to cure for a minimum of 12 hours before subjecting to pedestrian traffic, allow 3 days depending on conditions before allowing vehicular traffic or chemical cleaning.
7. To achieve an anti-slip finish, broadcast selected CONPELL aggregate into the coating while the coating is still wet prior to applying the final coat. Contact CONPELL for further information.
8. Full cure in 7 days.

CLEAN UP

CONPELL PA100 can be cleaned off all equipment prior to hardening with xylene.

PRECAUTIONS

- Some individuals may experience a skin reaction to CONPELL PA100. Use appropriate protection equipment. Refer to our Material Safety Data Sheet for further information.
- Do not apply directly to steel or metal surfaces as corrosion may occur.
- In enclosed areas ventilation should be provided during the coatings curing cycle to allow for adequate evaporation of the coating. CONPELL PA100 is a coating, not a water proofing membrane.
- Do not apply CONPELL PA100 over any existing concrete treatment such as curing compound or release agents. All contaminants must be removed prior to the application of CONPELL PA100.
- Apply CONPELL PA100 between 10°C - 35°C.

CONPELL PA100

2 component, fast curing, high solids clear or coloured floor coating

PRECAUTIONS (continued)

Contact the manufacturer if one or more of the following conditions exist:

- The substrate is subject to hydro static pressure or rising damp.
- The substrate is chalky or dusting.
- Ambient or substrate temperatures are below 10°C.
- The finished floor will be subject to chemical attack (including hot chicken fats).

STORAGE

- Keep CONPELL PA100 stored in a dry area, away from direct sunlight & frost.
- Store between 10°C & 30°C.
- CONPELL PA100 has a shelf life of 12 months in an unopened container.
- Ensure partly used drums are correctly sealed.

FIRE

CONPELL PA100 is non-flammable.

SAFETY PRECAUTIONS

- Wear appropriate protective equipment, including clothing, gloves, appropriate respiratory mask and goggles.
- If poisoning occurs, contact doctor or Poisons Information Centre.
- If contact with skin occurs, remove contaminated clothing and thoroughly wash skin.
- If swallowed do not induce vomiting, give a glass of water.
- If in eyes, hold eyes open and flood with water for at least 15 minutes then see doctor immediately.
- For further information refer to the relevant Material Safety Data Sheet.

IMPORTANT INFORMATION

The information and recommendations relating to CONPELL PA100 are given based on current knowledge and experience. Due to variances in material substrates and site conditions no warranties implied by law or, fit to purpose of the product can be implied. We accept no responsibility for loss or injury due to the incorrect handling or improper use of the product, limiting the cost of our liability to the replacement product cost only. Always refer to current Product Technical Data Sheets.

CONPELL

Head Office: PO Box 4252

Ph: 1300 966 118

Brisbane Sales: 0450 040 848

Loganholme DC, Qld 4129

National Sales: 0433 400 220

Email: info@conpell.com Web: www.conpell.com