

PROPAN CONCRETE STAIN PCS-900

No. TD : P-385
Revision : 02
Effective Date : 12/03/2015

PROPAN CONCRETE STAIN PCS-900 is a water based extra strength decorative stain for concrete and any other porous surfaces. It provides bright semi transparent color, suitable for exterior and interior use and has good penetration and adhesion to the substrate.

PRODUCT SPECIFICATION

Type	: Waterborne system
Appearance	: Colored liquid
Color	: As shown in the color card
Final properties	: Thin layer, natural look
Gloss level (60°)	: Less than 15%
Solid by volume	: 10 – 15%
Specific Gravity	: 1.04 - 1.12 g/cc
Theoretical coverage	: Depend on the substrate absorption
Viscosity (30°C)	: N/A
Flash Point	: 54°C
Drying time	: 2 hours
Packaging	: 1 liter, 5 liter
Shelf life	: One year if stored in cool and dry condition in original sealed can.
Storage and handling	: Store in good ventilation room temperature (24 - 35 °C) and mix before use (soft setting)

APPLICATION

Thinning ratio by volume	: - (ready for use)
Application method	: Brush, Roll, Spray
Substrate	: Porous substrates such as concrete wall and floor, paving block, cement plaster, brickwork, terracotta and natural stone
Pot life of mixture	: N/A
Recommended dry film thickness:	Depend on the desired effect
Recoating interval	: Minimum : 2 hours (30°C), when the first paint film already dry Maximum : -
Cleaning	: Wash all equipment immediately after use with clean water

SURFACE PREPARATION

- ⇒ The surface preparation phase should be viewed as the most important
- ⇒ The surface must be dry, clean, sound and free from all contaminants. Newly build wall concrete must be dry after 28 days old. Make sure moisture content/dampness of substrate $\leq 16\%$ measured using protimeter appliance and surface alkalinity (Ph) 7 – 8 measured using Universal Ph indicator.
- ⇒ Remove all loose material or defective paint by thorough brushing and scraping using active fibre brush.
- ⇒ Treat any areas affected by mold, algae, moss and lichens with **PROPAN FUNGICIDAL WASH**
- ⇒ Repair defects with suitable materials.
- ⇒ Test by tape test to determine the effectiveness of the cleaning process.
- ⇒ To get the granite effect, do the grinding/sanding/using proper grit

APPLICATION CONDITION

Temperature : 25 – 35°C
Humidity : 60 – 80%RH

Provide adequate ventilation during application and drying.

RECOMMENDED COATING SCHEDULE

- Mix PROPAN CONCRETE STAIN PCS-900 before use.
- Apply PROPAN CONCRETE STAIN PCS-900 on the substrate
- Several thin coats could be applied to get the desired final appearance.
- Clear top coat which is recommended to extend the stain's longevity.

SAFETY, SECURITY, HEALTH AND ENVIRONMENT

Do not take internally. This product is non toxic and flammable. It does not contain any material with heavy metals such as mercury and lead. Avoid contact with the skin and eyes. Higher concentrations produce more severe irritation. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use barrier cream. Wash splashes from skin or eyes immediately. Ensure adequate ventilation and fresh air entry during application and drying. If there are experiences eye watering, headaches, dizziness or difficulty breathing, leave the area to obtain fresh air or wear respiratory protection. If continued difficulty breathing, get medical attention immediately. Do not breathe vapor or spray mist. Keep away from food, drink and animal feeding stuffs. Dangerous for fish and other aquatic life. Do not contaminate watercourses or ground. This material and its container must be disposed of in a safe way. Avoid all contact with plant life. Close container after each use and keep out of reach of children. Keep in original container, tightly closed, in cool and dry place. Avoid direct sun light. Keep from freezing. This container is used to storage the paint only. Do not apply to surfaces on which food is prepared. Wash hands and exposed skin before meals and after use. Read all safety, security, health and environment precautions before use.

FIRST AID:

- ⇒ Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice
- ⇒ Skin contact : Wash with soap and water. If irritation occurs, seek medical advice
- ⇒ Ingestion : Provide symptomatic treatment and seek medical advice
- ⇒ Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration