

DESCRIPTION

PURSEAL is an acrylic liquid formulated to be applied as a sealer on paving stone and on new or old concrete. As a sealer, it improves water tightness against water, dust, etc. It creates a clear film which is resistant to U.V rays.

PRIMARY APPLICATIONS

- Paving stone
- Sidewalks
- Bridges
- Garages and parking lots
- Exposed aggregates
- Walls
- Concrete
- Silica bricks and stones

ADVANTAGES

- Sealer: improves penetration of oil, water, dust, etc.
- Cures, seals and hardens the surface in the same process
- Creates a continuous clear film resistant to yellowing
- May be applied on horizontal or vertical surfaces
- Reduce penetration of chloride ions (salts used to melt ice); Protects the framework
- Helps resist against freezing/unfreezing cycles and against salt penetration
- Sealer on paving stone, stamped concrete, etc.
- May be applied as a sealer on old concrete

TECHNICAL DATA

COLOR	UPON REQUEST
APPEARANCE	TRANSPARENT LIQUID
RECOMMENDED THICKNESS	4-6 MILS (266-400 FT ²)
POT LIFE (454 G)	40-50 MINUTES
SHELF LIFE	12 MONTHS IN ORIGINAL UNOPENED FACTORY SEALED CONTAINERS. KEEP AWAY FROM EXTREME COLD, HEAT, OR MOISTURE. SACT IS A FLAMMABLE MATERIAL AND MUST BE STORED ADEQUATELY. KEEP OUT OF DIRECT SUNLIGHT AND AWAY FROM FIRE HAZARDS.

PROPERTIES @ 23°C (73°F) AND 50% R.H.

DENSITY (KG/L)	0.80		
VISCOSITY (CPS)	110-140 CPS		
CLEANER/THINNER	SCT-0001		
PEDESTRIAN TRAFFIC	6-8 HOURS		
NORMAL TRAFFIC	12-24 HOURS		
HEAVY EQUIPMENT TRAFFIC	>24 HOURS		
	PURSEAL 20-S	SOLIDS BY WEIGHT %	FINISH
	PURSEAL 30-S	20	GLOSSY
		30	HIG GLOSS
TRACTION RESISTANCE (PSI) ASTM D638	6500-7600		
ELONGATION %, ASTM D638	4-6		
BOND STRENGTH (PSI), ASTM D4541	>300 (SUBSTRATE RUPTURES)		
HARDNESS (SHORE D), ASTM D2240	75-85		
ABRASION RESISTANCE (CS17/1000 CYCLES/1000 G) ASTM D4060	0.05		
WATER ABSORPTION (%), ASTM D570	0.2		

Please note, that the indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage.

SURFACE PREPARATION

OLD CONCRETE	Concrete surface must be cleaned. BLASTRAC, sand blasting, diamond grinder w/30 grit or coarse, or water blasting is highly recommended to remove surface contaminants. Any oils and fats must be removed prior to product application. Acid etching may be required (followed by a thorough rinsing) to open the pores of the concrete to accept a primer. Do not apply to wet substrates. Chloride, moisture, and pH levels should be checked prior to application.
NEW CONCRETE	The concrete should be allowed to cure for a minimum of 30 days. Compression resistance of concrete must be at least 25 MPa (3625 lbs./inch ²) after 28 days and traction resistance must be at least 1,5 MPa (218 lbs./inch ²). BLASTRAC, sand blasting, diamond grinder w/30 grit or coarser or acid etching (followed by a thorough rinsing) is required to remove the surface laitance that appeared during the curing process.
PAVING STONE	PURSEAL must be applied 90 days after pavement is installed. Latent product must be cleaned with a soft acid not to discolor pavement.
SURROUNDING CONDITIONS	Concrete and room temperatures should be above 0 °C (32 °F).

APPLICATION

Apply mixed product on the prepared surface with a roller to obtain a uniform coating.

CLEANING

Clean all tools and materials with xylene. Wash hands and skin carefully with warm soapy water. Once dried, product can only be removed by mechanical means.

RESTRICTIONS

- Minimum/Maximum temperature of substrate: 10°C / 30 °C (50 °F / 86 °F).
- Maximum relative humidity during application and curing: 85 %.
- Substrate temperature must be 3 °C (5.5 °F) above dew point measured.
- Humidity content of substrate must be < 4 % when coating is applied.
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- Avoid exterior use on substrates at ground level.
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period.
- Surface may discolor in areas exposed to regular ultraviolet light.

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet.

Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation.

Consult the material safety data sheet for further information.

IMPORTANT NOTICE

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