

COCOON 560™

Constant Immersion Protection



Performance
Coatings & Sealants
Systems

DESCRIPTION

COCOON 560 is formulated for protection of surfaces subject to constant immersion. It has maximum surface hardness and very high abrasion resistance. COCOON 560 is a liquid polyvinyl chloride coating which can be sprayed on any clean, dry building surface. Wherever it is sprayed, it forms a tough, strong, permanent waterproof skin that is adaptable to most interior surfaces. COCOON 560 is used in many situations including sludge dewatering areas, shower rooms, swimming pools, vehicle cleaning facilities, bottling plants, water cooling and recycling rooms, separators, and other areas where abrasion resistance, washability, moisture protection, chemical protection, fungi and bacteria resistance are important.

OUTSTANDING FEATURES

- ✓ Attractive, jointless, hygienic seal that is highly resistant to impact and abrasion
- ✓ Maintains an effective seal against water and water-borne contaminants including chemical treatments and enzymes
- ✓ Maintains integrity of seals at pipe and duct penetrations, where expansion and contraction along dissimilar planes causes stress
- ✓ Resists abrasion from entrained solids of turbid wa-

ters in dynamic flow situations

- ✓ Low surface tension reduces drag coefficient at the surface/liquid interface
- ✓ Architectural colors available that maintain stability and definition in chemical environments

APPLICATION

CAUTION! Read this entire data sheet before continuing. All surfaces must be dry, free of dirt, loose debris, oil, grease, or any substance that could interfere with adhesion. Additionally, all surfaces should be modified in a manner to make them as smooth as possible by removing sharp projections and filling gaps and voids. A minimum surface profile of 1/2 mm should be maintained for maximum adhesion. After proper masking, prime the entire surface to be

coated with Vinyl Bond B, directly from the can, by spray or roller, and allow the primer to dry. Close all penetrations through the surface by using a webbing coat. Webbing solution is made by mixing 1 part Webbing Agent with 3 parts Cocoon 560 and mix until the color is uniform. Spray apply the mixed Cocoon 560 in multiple overlapping passes until a 20 mil dry film thickness has been achieved. The first should be very light to avoid breaking the webs. Properly applied, the coating should be free of voids and pinholes. Voids and pinholes must be resprayed to achieve a complete seal. Prior to the removal of any protection or equipment, a thorough inspection of the entire area should be completed, and all damage or deficiencies must be repaired and resprayed. All termination joints should be sealed with a polyurethane sealant.

SPECIFICATIONS

Coating Type	Polyvinyl Chloride Solution
VOC	252 gms/liter
Pot Life	Single Component
Shelf Life	12 months
Recommended Thickness	3 to 5 mils d.f.t. per coat
Coverage	1 gallon per 100 sq. ft. per coat x 4 coats
Packaging	5-gallon pails
Colors	Clear, White and other normal colors

COCOON 560™

Waterproof Protective Coating



For recommendations regarding equipment, contact our Technical Department.

LIMITATIONS

Proper ventilation must be provided during application for effective drying of the coating, and all applicators must wear suitable respirators.

MAINTENANCE

Damaged areas may be repaired by cleaning surface and application of Cocoon 560 as described in the Application

section.

PRECAUTIONS

Read and understand the Material Safety Data Sheet thoroughly. Make sure that all involved parties are familiar with the M.S.D.S. Cocoon 560, in its liquid state, is flammable; and proper safety precautions against exposure to open flame, sparks, or other sources of ignition must be taken and strict safety rules enforced.

TECHNICAL DATA

Moisture Vapor Transmission	0.06 perms	ASTM E-96
Tensile Strength	1100 psi	ASTM D-412
Elongation	150%	ASTM D-412
Flexibility at Low Temperature	180 deg. bend @ -30°C	ASTM C-711
Flashpoint	+0°F	FTMS 141A(M4293)
Shore 'A' Hardness	85	ASTM D-2240
Total Solids	30% (B.W.); 25% (B.V.)	ASTM D-1044
Viscosity	55 ku	ASTM D-446
Drying Time	5 minutes per coat	
Fire Resistance	Self-extinguishing	ASTM D-568-56T
Cleaning of Equipment	M.E.K. or Acetone	
Weatherometer (240 hours)	85 gloss	ASTM G-23

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