



CORONADO
P A I N T

SECTION NO. 5
ADS – 601
52 Line
Rev. 04/11

TOUGH SHIELD®
100% Acrylic Floor & Patio Coating
52 Line

Type Acrylic	Sheen Satin	Theoretical Spread Rate 350 - 450 Sq. Ft. Per Gallon*	Recommended Application Brush, Roller or Spray	Thinner Clean Water	Clean Up Warm Soapy Water
Dry Time:		Tack Free: 2 Hours	Recoat: 24 Hours	Full Cure: 7 - 10 Days	

PRODUCT NAME: 52 Line TOUGH SHIELD® 100% Acrylic Floor & Patio Coating	This 100% Acrylic Enamel is designed to produce a rugged, durable finish in light commercial or residential floor applications. It is also an excellent choice for painting interior or exterior vertical masonry surfaces and a variety of other substrates. TOUGH SHIELD® Floor & Patio Coating has good abrasion resistance and possesses excellent wearing qualities. It will withstand detergents, oils, grease and scrubbing. The cured film has excellent resistance to ponding water. TOUGH SHIELD® Floor & Patio dries to a pleasant satin finish.	
WHERE TO USE:	Concrete Galvanized Tilt Up Blacktop	Masonry Metal Wood Use on floors, steps, porches, patios and walkways. TOUGH SHIELD® Floor & Patio Coating makes an excellent finish on all types of properly prepared interior or exterior masonry walls, as well as galvanized gutters and downspouts. It is an excellent choice for line striping over STEP-SAFER™ on tennis courts. NOTE: DO NOT USE ON GARAGE FLOORS OR CAR PARKING SURFACES.

REGULATORY INFORMATION:	VOC/VOS STATEMENT:	OTC CATEGORY:	MPI / LEED:
	The product supported by this data sheet contains a maximum of 180 grams per liter VOC / VOS (1.50 lbs/gal.) excluding water & exempt solvents.	This product is compliant under the Ozone Transport Commission regulations as a Floor Coating.	This product is certified under MPI #60. This product does not meet qualifications for LEED (Leadership in Energy and Environmental Design) projects.

SURFACE PREPARATION:	<p>Surface to be painted must be clean and free of dirt, chalk, wax, grease, rust or flaking paint. Dirt and chalk should be removed by power washing or scrubbing with warm soapy water and thoroughly rinsed with clean water. Wax should be removed with a commercial wax stripper or by solvent cleaning. Grease should be cleaned by using CORONADO® Sur-Prep™ I. Rust must be removed by hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Glossy surfaces must be dulled by lightly sanding. Remove sanding dust before paint application. Any exposed substrate should be spot primed with the appropriate primer. NOTE: New concrete should cure 28 days prior to painting and should be thoroughly etched with CORONADO®'s Sur-Prep™ IV.</p> <p>Priming:(New or Bare Surfaces): Concrete Floors- Thin the first coat of TOUGH SHIELD® Floor & Patio Coating with one pint of water per gallon. Allow 24 hours dry time then apply one or two coats as it comes from the can. Wood Floors - CORONADO® 37-11 Primer Undercoat Concrete Block - Apply one coat of 958-11 Latex Block Filler Masonry - Use CORONADO® Masonry Sealer 43-11 or 48-11 Ferrous Metal - Use CORONADO® Primer 35-111, 35-147 or 36-11 Galvanized - Use COROTECH® V110 DTM Primer or apply TOUGH SHIELD® Floor & Patio Coating directly to galvanized metal.</p>
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APPLICATION:	Stir product with a circular, lifting motion before you begin to paint. TOUGH SHIELD® Floor & Patio Coating may be applied by brush, roller or spray techniques, at a rate of application not to exceed 450 square feet per gallon. Surface texture and porosity will affect actual yield. Allow 24 hours cure time prior to light foot traffic and 72 hours prior to heavy use. Apply when surface temperature is above 50° F. This product is not designed as a slip resistant finish. If skid resistance is important, apply CORONADO® STEP-SAFER™ Anti-Slip Coating.
*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.
RESIN TYPE:	Acrylic
SOLIDS:	Weight: 50.2 ± 1.0% Volume: 36.6 ± 1.0%
WEIGHT PER GALLON:	10.56 lbs.
VISCOSITY:	80 - 85 KU (Krebs Units)
FLASH POINT:	200° F. or greater (TT-P-141, Method 4293)
SPECULAR GLOSS:	15 – 20 units @ 60 degrees
SAG RATING:	Pass 6 mils (Leneta)
REC. FILM THICKNESS:	Wet: 3.6 to 4.6 mils Dry: 1.3 to 1.7 mils
CAUTIONS:	<p style="text-align: center;">WARNING!</p> <p>HARMFUL IF INHALED. VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED.</p> <p>Contains Ethylene Glycol m-Butyl Ether and Crystalline Silica. Vapor harmful. May affect the brain or nervous system causing dizziness, headache and nausea. Causes nose and throat irritation. Overexposure may cause lung and kidney damage. Harmful if swallowed.</p> <p>NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains Crystalline Silica, which can cause cancer. Risk of cancer depends on duration and level of exposure. Contains Ethylene Glycol m-Butyl Ether which may cause blood damage based on animal data.</p> <p>Keep away from heat and flame. Close container after each use. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.</p> <p>Use only with adequate ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.</p> <p>First Aid: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean contaminated shoes. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p>WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product. KEEP OUT OF REACH OF CHILDREN</p>