

CORRO-DUR 197 TECHNICAL DATA

SOLVENT - FREE EPOXY COATING

<p style="text-align: center;">Sealant Surface Reinforcement Marine Repair/Coating Flooring System</p>	<p style="text-align: center;">Solvent-free Applies to dry or Damp Surfaces Seals against water, oils, greases road salts Easy 5:3 Mixing Ratio Contains no carcinogens</p>
---	--

DESCRIPTION	<p>CORRO-DUR 197 is a premium quality low viscosity epoxy resin designed for engineering applications where excellent physical and mechanical properties are required in difficult application environments.</p> <p>The formulation is solvent-free to avoid the objectionable odor and explosion hazards of epoxy solvents and assures compliance with all present and proposed air pollution regulations. The low viscosity of the mixture is achieved through the use of low molecular weight liquid epoxy resin modified with a reactive diluant resin in order to yield a permanently tough and stable cured product.</p>
USES	<p>SEALANT..... Seals surfaces from water, oils, grease and other materials.</p> <p>SURFACE REINFORCEMENT ... CORRO-DUR 197 may be filled with a variety of mineral aggregates in order to yield desired properties. By varying the type and quantity of aggregate is possible to obtain desired properties such as chemical and physical resistance and viscosities from an easily pourable liquid to a stiff grout. CORRO-DUR 197 with selected aggregate will bond to wet or damp surfaces and is especially useful for sealing or grouting in wet environments. CORRO-DUR 197 based grouts or mortars cure at the same rate whether applied on wet or dry surfaces.</p> <p>FLOORING SYSTEM..... CORRO-DUR 197 is designed to be absorbed into the concrete surface, very heavy applications will result in a glossy, slippery film which can be made skid resistant by broadcasting sand into it while still liquid.</p> <p>MARINE EPOXY CORRO-DUR 197 seals hull, piers and pilings, etc. from water absorption & can also be pre-pregnated with woven fiberglass cloth to achieve a composite sleeve for rebuilding of corroded pipelines. It can be top-coated with any anti-fouling paint.</p>
APPEARANCE	<p>COLORS Clear (UV resistant formulation)</p> <p>FINISH Unabsorbed material is high gloss</p>
PHYSICAL PROPERTIES	<p>VEHICLE TYPE Epoxy / Proprietary Polyamines</p> <p>PIGMENTATION None</p> <p>THINNER Not required</p> <p>CLEANER Lacquer thinner, MEK</p> <p>MIXING RATIO 5.0 : 3.0 by volume</p> <p>POT LIFE..... Approx. 55 minutes / 77°F (25°C)</p> <p>SOLIDS BY VOLUME 100%</p> <p>RECOMMENDED DFT..... 8-10 mils</p> <p>THEO. SPREAD RATE 204 sq.ft./gal @ 8 mils (5 sq.m/l 200 microns)</p> <p>DRY TIME (TOUCH) Approx. 6 Hrs/77°F(25°C)</p> <p>DRY TIME (HARD) Approx. 16 Hrs/77°F(25°C)</p> <p>APPLICATION METHOD Roller, brush, squeegee, heated plural sprayer</p> <p>SHELF LIFE 24 Months minimum</p> <p>VOC Zero</p>

SOLVENT-FREE COATING FOR WET OR BRUTAL ENVIRONMENTS

CORRO – DUR 197 TECHNICAL DATA

SAFETY INFORMATION	FLASH POINT Over 200°F or 93°C (Closed Cup) STORAGE CONDITIONS Normal
SURFACE PREPARATION	Remove surface contamination by high pressure water jetting or similar methods with or without abrasive injection. Hand held power tools such as grinders or needle guns will give good results if applied conscientiously in small areas but will be inadequate in large areas. Conventional abrasive blasting using air/abrasive or centrifugal blasters are preferred methods of surface preparation in most cases where oily or greasy contamination is a problem.
APPLICATION	<p>Mix CORRO-DUR 197 epoxy base (in the partly filled two gallon pail) with the CORRO-DUR 197 curing agent supplied in the partly filled one gallon can. Use a mechanical mixer if possible to ensure thorough mixing. The mixing ratio is 5 : 3 (base/curing agent) by volume. CORRO-DUR 197 does not require a 'sweat-in' an induction time and the mixed components should be used immediately.</p> <p>Pot life is approximately 55 minutes at 77°F (25°C), small amounts of solvent may be added if the mixture begins to thicken noticeably towards the end of its working life. Apply in a thin film using a brush, roller, pad or squeegee. Overcoating with CORRO-DUR materials may be carried out before full curing of the CORRO-DUR 197 if necessary since chemical curing will continue normally even when overcoated.</p> <p>If using CORRO-DUR 197 as a mortar begin by thoroughly mixing the CORRO-DUR base and curing agent in a 5 gallon (19 liters) pail. Then gradually blend in the sand using a 'Jiffy' type mixer.</p>
TEMPERATURE	Temperature exerts a considerable influence on the rate of hardening of chemically cured materials such as CORRO-DUR 197. In broad terms expect each 10°C, (18°F), rise or fall temperature to half or double dry times and pot lives.
TRANSPORTATION	Non-regulated by United States - Department of Transport (USDOT), International Air Transport Association (IATA) or International Maritime Organization (IMO)

SAFETY : This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

WARRANTY DISCLAIMER : The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. However, as we have no control over the use to which this information is put , no warranty, express or implied is intended or given. We assume no responsibility whatsoever for coverage, performance or damages, including injuries from use of this information or of products recommended herein.

**For : Corroserv (M) Sdn. Bhd, A-25, 1st Floor, Jalan IM 3/11,
Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia
Tel no : 609-5735623 (3 Lines) Fax no : 609-5735562
Email : admin@corroserv.com.my**