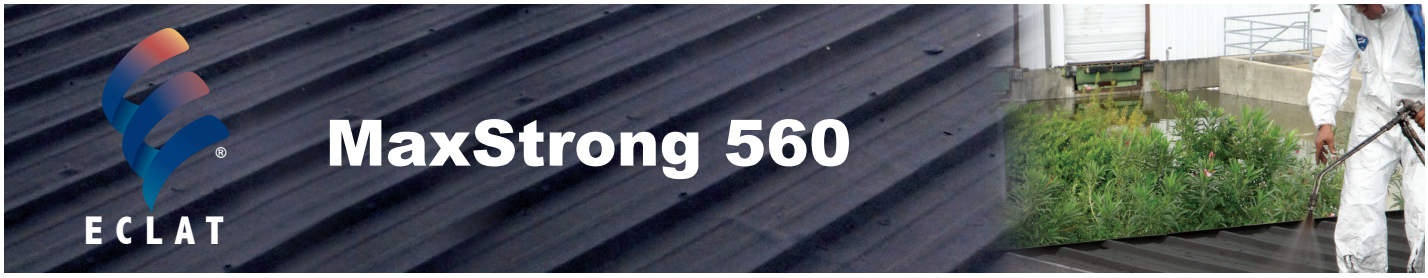

PRODUCT DESCRIPTION

Maxstrong 560 is based on a unique blend of liquid epoxy polymer and aliphatic polyamine curing agents, which is able to displace water from wet surfaces in order to make a permanent bond. The formulation is solvent-free to ensure safety and maximum technical performance. Maxstrong 560 provides permanent protection under the most adverse conditions. The formula is uniquely field-friendly and uses advanced low toxicity ingredients in a high build spray, brush or rollable product. The sister product Maxstrong 561 is available if a higher viscosity; “light paste” consistency is required. Other colors including White are available.

PRODUCT FEATURES

- Water displacement
- Solvent free
- High build
- 1 to 1 mixing ratio

TYPICAL USES

- **ANTICORROSIVE COATING:** Heavy-duty applications to steel or concrete above or below water.
- **FAIRING COMPOUND:** Smoothing rough steel and concrete.
- **REPAIR COMPOUND:** Patching, leak sealing etc. above and below water.

TECHNICAL DATA

		Drying times 14 hrs, light, 72 hrs, heavy	
Vehicle Type:	Epoxy/Aliphatic amines	**Dust free :**	4 hours at 77° F
Pigmentation:	Color/Inert	**Recoat Interval:**	No min, wet on wet OK, 48 hrs. max at 77° F *Abrade if max recoat interval is exceeded
Color:	Green, approximates Fed Std 595B #14110	**Flash point:**	Over 200° F
Finish:	High Gloss	**Induction time:**	No induction
Thinner:	Not normally required	**Ration:**	1:1 by volume
Cleaner:	MEK or lacquer thinner	**Pot Life:**	Approx. 40 min. @ 77° F
Mixing Ratio:	1:1 by volum	**Storage Conditions:**	Normal
Solids by volume:	100%		
Spreading Rate/Gal:	1604 mil/sf/gal, 45.8 sf/gal @ 35 mils	**Packaging:**	
Recommended Film thickness:	35 - 40mils		
VOC:	Zero in normal application conditions		

APPLICATION GUIDE

SURFACE PREPARATION ABOVE WATER

Application above water requires high pressure water blasting or dry abrasive blasting to yield a firm, granular surface free of loose contamination. Since there is no problem from resettlement of marine fouling when working above water it is possible to delay application of the Maxstrong 560 indefinitely provided flash rusting or fresh contamination of the cleaned surface does not occur. Steel surfaces intended for severe service should be abrasive blasted to minimum SSPC-SP-10, “Near-White” cleaning with a blast profile of 2 – 4 mils.

ECLAT
ECLAT
sales@eclatoilandgas.com
www.eclatoilandgas.com

MIXING INSTRUCTIONS

Powermax 560 is supplied either in 2 gallon, 4 gallon, or 10 gallon kits packaged in 2x1, 2x2, or 2x5 gallon containers respectively each of epoxy base and curing agent. These components are formulated in contrasting colors of Blue and Yellow to facilitate com-plete mixing. Powermax 560 is supplied with a dark blue epoxy base and a yellow curing agent that yield a “Grass Green” mixture. Visible streaks of either blue or yellow seen during the course of mixing indicate “hotspots” of unmixed components. It is imperative to properly mix the components since unmixed “hotspots” of either base or curing agent will never cure.

Remove equal quantities of base and curing agent from their cans and place them in a clean plastic or steel container. Mixing is easi-ly accomplished by stirring with a “Jiffy” type mixer in a geared down, (high torque), 1/2” electric drill. Once mixing begins there will be about 40 minutes of working time available at 77°F. Keeping the components and mixture cool rather than leaving in a hot area may extend the time.

APPLICATION PROCESS

1. Using a stiff brush or roller apply from a tray of mixed material aiming for a coverage rate of about 46 sq.ft./ gallon.
2. Application by heated plural spray is straightforward using the following equipment setup:Graco “King” or similar with heated hoses.

Mix ratio:	1/1 by volume
Fluid pressure:	2,500 psi
Fluid temp:	130°F
Filters:	60 mesh
Tip size:	.021” -.029” orifice

Max. Hose Length: 250’ of 3/8” hoses in a heated and insulated bundle.

EQUIPMENT

Brush, roller, heated plural airless spray

CURING BEFORE SERVICE

Powermax 560 may be immersed in fresh or salt water immediately after application. It will cure to a hard film within about 14 hours and is suitable for traffic after this time. Allow at least three (3) days at 77°F before subjecting to aggressive chemical service from industrial solvents and similar materials.

TYPICAL PHYSICAL PROPERTIES OF THE CURED FILM

Compressive strength:	7,380 psi (50.9 N/mm2)
Tensile Strength:	6,000 psi (est.)
Flexural Strength:	4,550 psi (31.4 M/mm2)
Abrasion Resistance:	34.0 mg/1,000 cycles (CS17 wheels with 1,000 gram weights)

See the material safety data sheet and product label for complete safety and precaution requirements.

ECLAT
ECLAT
sales@eclatoilandgas.com
www.eclatoilandgas.com