



LayPoxy Tar

Epoxy Tar Solvent Free - 2 components

PRODUCT DESCRIPTION: LayPoxy Tar is a specially selected solvent free epoxy system that is coal tar modified. It has excellent adhesion and flexibility.

USES:

Designed to protect concrete and metal surface against corrosion from aggressive environments. It is also highly recommended for steel tanks and pipe linings. Useful for sewage works, effluent plants, dock and harbor structures. LayPoxy Tar is suitable for underground and foundation waterproofing to resist against chlorides, sulfates and sewage, etc. It has exceptional benefit in asphalt road crack repairs.

ADVANTAGES:

- Long protection against corrosion.
- Easy application and easy to maintain. Can be sprayed.
- Excellent chemical and abrasion resistance.
- Excellent impact resistance.
- No priming is required.

LIMITATIONS: LayPoxy Tar should not be applied when the ambient temperature is below 50 Deg.F. (10 Deg.C.) or if rain is anticipated within 24 hours of application.

PACKAGING: Packaged in 20 Kg 2-component kit. The pack covers 6 m² at 2000 microns thickness.

COLOR: Black.

TECHNICAL DATA:

CHEMICAL RESISTANCE

Acetic Acid, 5%	.....excellent
Alkalies	.....excellent
Ammonia	.....excellent
Battery Acid	.....excellent
Bleach	.....excellent
Beer	.....excellent
Brake fluid	.....excellent
Ethanol	.....good
Ethylene Glycol	.....excellent
Gasoline	.....excellent
Hydrochloride Acid, 10%	.....excellent
MEK	.....poor
Oil	.....excellent
Phosphoric Acid 30%	.....poor
Salt water	.....excellent
Skydrol	.....excellent
Toluene	.....good
Urine	.....excellent
Xylene	.....excellent



Pot life at 70 Deg. F (24 Deg. C): 1-2 hours

Final Cure: 14 days

Specific Gravity: 1.14 Kg/Litre.

Surface Preparation: The concrete should be at least 28 days old and shall be free from any contaminants such as oil, grease, curing membrane, etc. This can be achieved by mechanical means such as mechanical scarifier, shot / sand blaster, etc. If the substrate is acid etched it should be thoroughly cleaned with fresh water and allowed to dry. The cement laitance / projections shall be removed thoroughly and the potholes shall be leveled with self-leveling underlayment to achieve an even surface. NOTE: Do not apply if the moisture content of the concrete is more than 5% or if rising dampness is observed.

Mixing: LayPoxy Tar comprises two components, base resin and hardener. The hardener shall be poured into the base resin in the mixing vessel and shall be mixed thoroughly for 3 minutes using heavy duty slow speed drilling machine fitted with paddle to achieve a uniform consistency.

Application: The areas to be laid shall be marked for every one to two packs to achieve a uniform thickness as recommended. For large areas, planning of laying sequences is essential. Apply by brush, roller or spraying equipment to achieve a uniform, level surface.

Precautions: Avoid contact with eyes and skin.

Cleaning: Clean with xylene

Storage Life: In unopened packs LayPoxy Tar has a life of 12 months when stored below 35 deg. C.

MAINTENANCE: LayPoxy Tar is maintenance-free and permanent. If damaged, it may be mechanically removed and re-applied.

Email: laymaster@laymaster.net

*All material is Copyright Lay Master Inc. and may not be reproduced without written permission
Specifications subject to change without notice.*

Ver. 1/2004