ERP™

Epoxy Resin Putty

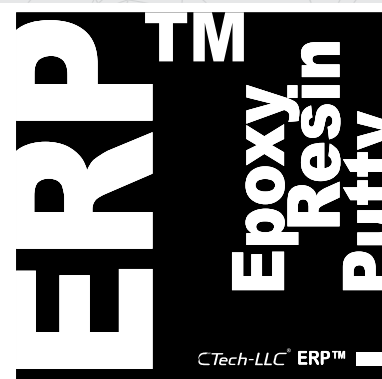|	Building & Transportation		Oil, Gas & Industrial		Offshore & Onshore		Water & Wastewater

PRODUCT DESCRIPTION

CTech-LLC® ERP™ is epoxy Putty based on epoxy resin covering a wide range of applications. ERP™ is two-component epoxy putty suitable for repair of small cracks air-pockets and/or blow-holes in concrete walls and floors.

ERP™ epoxy filler has excellent adhesion properties to most building materials and can be easily applied directly on horizontal and vertical surfaces.

ADVANTAGES

- Easy to use putty for concrete repair.
- Can be applied directly on horizontal and vertical concrete surfaces.
- Repair of small cracks, air pockets and/or blow holes.
- With no offensive odor.
- Excellent bond strength.
- This putty is suitable for most materials that are used in industrial and also construction based environments.
- An environmentally friendly product.

TYPICAL USES

- Repair of small cracks, air pockets and/or blow holes in concrete.
- Used as space-filling adhesives.
- For installing surface packers.
- Levelling of surface imperfections

TYPICAL MATERIAL PROPERTIES

Color		
	Mixed	Grey
	Part A	Grey
	Part	Light
Density		1.750 Kg/Lit (mixed product)
Approximate Pot Life		1 hour at 25°C
Full Hardness		7 days at 25°C
Ambient Temperature		-35 to 65°C
7 Day Compressive Strength, MPa		65
7 Day Flexural Strength, MPa		20

INSTALLATION PROCEDURE

SURFACE PREPARATION

- Remove oil, grease and all other surface contaminations by alkaline or high pressure (steam) cleaning.
- Remove loose and unsound concrete until a sound surface is obtained.

MIXING

- Mixing ratio: Part A: Part B = 100 : 50, both by weight.
- Blend Part A and Part B with a mechanical mixer for 3 minutes until uniformly blended.

APPLICATION

Apply a slight over-amount of the ERP™ epoxy putty to fill in damaged walls or repair damaged concrete with a filling knife or trowel

STORAGE & SHELF LIFE

ERP™ must be stored in a dry and cool place. Temperature should be between 5° to 35° C. Avoid freezing the product and keep it away from direct sunlight, flame or other hazards.

ERS™400 must be stored in its original packaging. Lid of the container should be kept closed. Moisture can decrease shelf life of epoxy resins. With proper storage, resin and hardeners remain usable for at least 18 months.

CAUTION

Vapor may be harmful. Contains epoxy adhesive and curing agent may cause skin sensitivity or other allergic responses. Keep away from heat, sparks or open

flame. In enclosed areas or where ventilation is poor use an approved air mask and utilize adequate safety precautions to prevent fire or explosion. In case of sin contact, wash with soap and water. For eyes, flush immediately (seconds count) with water for 15 minutes and CALL A PHYSICIAN. If swallowed, CALL A PHYSICIAN IMMEDIATELY.

CTech-LLC®

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IMPORTANT NOTE:

Before using any CTech-LLC® product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at www.ctech-llc.com.

WARANTY: