

SD2 REPAIR MORTAR

Polymer Modified Mortar for Horizontal Repairs

DESCRIPTION

SD2 Repair Mortar is a two-component polymer-modified cement based mortar. This versatile mortar is designed for deep horizontal repairs in concrete as well as resurfacing and leveling large areas.

WHERE TO USE

APPLICATION

- Full depth repairs
- Deep horizontal structural repairs
- Resurfacing of concrete, block, brick, and masonry

LOCATION

- Interior or exterior
- Horizontal surfaces

BENEFITS

- Improves adhesion
- Reduces failure from thermal expansion at bond line
- Increases freeze/thaw resistance
- May be applied up to 2" thick in a single lift without aggregate extension, over 2" with aggregate extension
- Reduces shrinkage cracking; reduces stress at bond lines

APPLICATION

1. Surface to be clean, structurally sound, cured.
2. Repair areas deeper than 1/8" should have sawcut straight edges with a minimum depth of 1/4" depth.
3. Remove all oxidation from exposed reinforcing steel. (For additional protection, coat the prepared reinforcing steel with **ZINCRICH PRIMER** or install **CORR-STOP**.)
4. Scrub in a slurry coat of SD2 and the polymer (Do not allow to dry) with a stiff brush. NOTE: Surface must be SSD (Surface Saturated Dry) prior to application.
5. Thoroughly mix & apply ensuring good compaction of the material by tamping or troweling.
6. For peak performance, cure immediately after finishing in accordance with good concrete practice.

NOTE: For areas deeper than 2", add 15# pea gravel per bag
For areas deeper than 4", add 30# pea gravel per bag.

TEST DATA	
PROPERTY	RESULTS
Compressive Strength, psi	
1 day	3,000
28 days	6,000
Flexural Strength, psi	1,500
at 28 days	
Slant Shear Bond, psi	1,400
at 28 days	

TYPICAL PROPERTIES	
Setting Time	
Initial, min.	45
Final, hrs	2-4
Pot Life Approximately, min	45

PACKAGING & YIELD
No. 1 Kit — 1-55 lb. bag & 1 gallon liquid, Yield .5 cu. ft.
No. 2 Kit — 5-55 lb. bags & 1-5 gallon liquid, Yield 2.5 cu. ft.

ZINC-RICH PRIMER

