

*Technical Bulletin*

No. 33RK Effective Date January 2020

## Gill 33<sup>®</sup> Superbond Repair Kit

**Type:** A specially formulated, portland based all purpose repair kit that includes Gill 33<sup>®</sup> or Gill 33<sup>®</sup>MCI<sup>®</sup> admixture.

**Intended Uses:**

- Repair or full depth repair
- Industrial/commercial floors
- Equipment supports
- Parking garage decks
- Wastewater treatment facilities
- Chemical/petroleum secondary containments

**Benefits:**

- Allows top coated paint/protective coating in 24 hours.
- High early strength allowing vehicular traffic in 4 hours.
- Permanent repair and overlay damaged concrete.
- Thin overlays and/or full depth pours.
- Eliminates lengthy and costly down time.
- Cost effective.

**Government Agency Acceptance:** N/A

**Coverage:** One cubic foot of Gill 33<sup>®</sup> Repair Kit provides the following coverage:

<u>Thickness</u>	<u>Square Feet</u>	<u>Course Aggregate</u>
0.50"	24	None
1.00"	12	Optional
2.00"	6	Optional
4.00"	3	Optional
4.00"	81	Optional

**Shelf Life:** Store in a dry location for 6 months.

**Volatile Organic Compounds:** None.

**Safety Precautions:** See Manufacturer's Safety Data Sheet.

**Equipment:** Gill 33<sup>®</sup> Repair Kit may be mixed in the bucket it comes in or other preferred method of mixing, i.e., portable mixers, etc.

**Shipping Weight:** Per repair kit 55 lbs. including container.

**Test Data:** Test conducted by certified independent laboratories.

**Compression Strength**

ASTM C-109	580 PSI @ 5 hours
	3,080 PSI @ 1 day
	5,210 PSI @ 4 days
	7,390 PSI @ 28 days

**Flexural Strength**

ASTM C-78	710 PSI @ 14 days
	865 PSI @ 28 days

**Splitting Tensile**

ASTM C-496	290 PSI @ 28 days
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**Length Change**

ASTM C-157	+0.012% change @ 30 days
	+0.015% change @ 90 days
	+0.036% change @ 120 days

Please contact a Gill Representative for your specific applications.

Gill 33<sup>®</sup> is a registered trademark of Gill Industries, Inc., Lancaster, SC.  
MCI<sup>®</sup> is a registered trademark of the Cortec Corporation, St. Paul, MN.

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