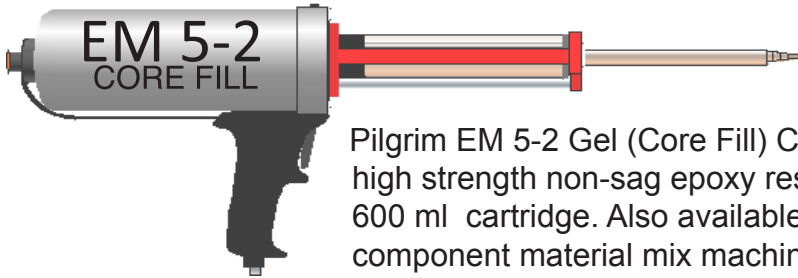




EM 5-2 GEL Core Fill



Pilgrim EM 5-2 Gel (Core Fill) Cartridge System is a two-component high strength non-sag epoxy resin adhesive packaged in a side by side 600 ml cartridge. Also available in 10 gal. units designed for plural component material mix machines. Mixed viscosity of Core Fill is 50% higher than our standard EM 5-2 GEL.

Pilgrim EM 5-2 Gel (Core Fill) Cartridge System provides a unique method of handling, storing and dispensing of two-component materials. Ideal for low to medium volume material users that wish to eliminate problems associated with the use of two-component epoxy adhesive.

USES:

High-strength, adhesive for vertical and overhead bonding; bonding hardened concrete and other materials to hardened concrete. As an adhesive system for anchoring deformed tie bars and smooth dowel bars. In conjunction with EM 5-2 GEL, for crack injection. Moisture insensitive; use on dry, damp, or wet surfaces.

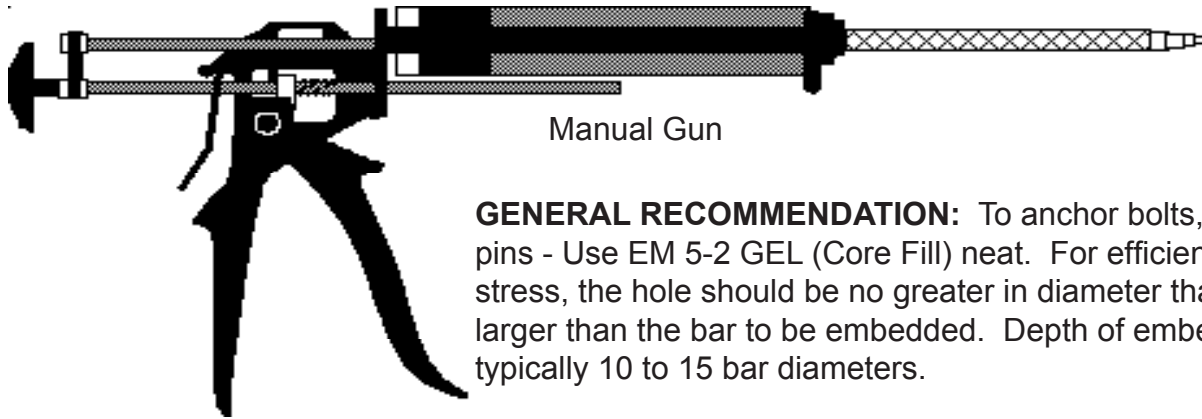
BENEFITS:

- No large capital expense
- Eliminates material waste
- Saves time
- Unlimited dispense points
- Eliminates aerated mix
- No clean up solvent needed
- Reduces health hazards
- Little operator skill needed
- Low maintenance
- Increased productivity

TYPICAL PROPERTIES

Gel Time:	24 min.
Consistency:	Gel
Epoxide equivalent of resin:	183.80
Water absorption:	0.1%
Compressive Strength, 24 hr.	5035 psi
Diagonal Shear Strength	4950 psi
Pull out (#4 bar) embed. depth 12 in - 600 ml	16000 psi 36.6 cu. in

ASTM- C 881, Type I, Grade 2, Class B & C
FL DOT Type A,B,F1
La. DOT Type I, II, III Grade b : QPL 32



Manual Gun

GENERAL RECOMMENDATION: To anchor bolts, dowels and pins - Use EM 5-2 GEL (Core Fill) neat. For efficient transfer of stress, the hole should be no greater in diameter than 1/4 inch larger than the bar to be embedded. Depth of embedment is typically 10 to 15 bar diameters.

SURFACE PREPARATION:

Concrete substrates must be - sound, clean, free from dust, curing or parting compounds, oil, waxes, impregnations and foreign particles. Substrate temperature must not be below 40°F.

DISPENSE INSTRUCTIONS (HP™ Pneumatic Gun)

1. Remove protective nose caps from cartridge.
2. Load cartridge into air gun
3. Attach air hose (0 psi)
4. Regulate to 20 psi
5. Open valve to equalize pistons. Allow both products (A&B) to flow from cartridge nose.
6. Close valve and attach static mixer
7. Regulate to 80 psi
8. Open valve to dispense material
9. Close valve, leave mixer on and put back on the shelf. Allow mixer to act as a seal.

Either air powered or manual, trigger-operated guns are available, specifically designed for use with the Pilgrim EM 5-2 Gel (Core Fill) Cartridge System. **Note:** Air powered is preferred when dispensing high viscosity gels.

PACKAGING:

12 cartridges/carton

One 1/2" diameter 24 element mixer with retaining collar/cartridge protective nose cap installed on each cartridge.

CAUTION: Contains epoxy resins, organic amines. Toxic before cure. Avoid vapor inhalation, contact with skin, eyes. Consult Material Safety Data Sheets for complete information on safety and handling.

WARNING! Improper cartridge pressure may force material out of cartridge!
Use safety eye wear!