



Products

FASLOC® Resin Cartridges

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FASLOC® Resin Cartridges

Polyester resin anchoring system

Performance Data

- Figure 1 represents the range of anchorage strengths for estimating requirements.
- Depending upon the compressive strength of the rock being considered, the diameter of the hole may affect the anchorage strength - the larger the diameter, the larger the contact area.
- Pull test under field conditions should be used to determine actual requirements.
- Gel times are faster when temperatures exceed 55°F and slower when temperatures are below 55°F.
- For RPM not shown in the Mix Table, determine minimum spin time based on 30 revolutions.
- For 1-minute and lower gel times, the spin times indicated exceed the minimum 30 revolutions necessary for mixing. The additional spin times generates heat to achieve the stated gel times
- Mixing the resin and catalyst components in a cartridge creates a strong three dimensional polymer matrix that is reinforced with limestone fillers. Most of the anchorage strength is reached in 5 to 10 times the product gel time.

Fig. 1. Resin anchorage related to compressive strength of rock

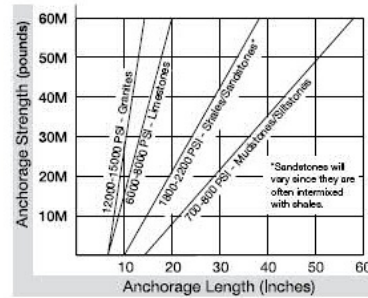
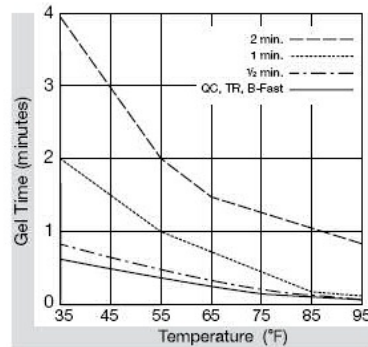


Fig. 2. Gel time



Gel time @ 55°F	Mix Table Spin Times, Sec.			
Product Type	150 RPM	300 RPM	600 RPM	800 RPM
B-Fast, TR	N.R.	6-7	3-4	3
G-HV, QC	N.R.	6-7	3-4	3
1/2 minute, QC1	12-15	6-8	3-5	3-4
1 minute	12-15	6-8	3-8	3-6
1-1/2 minute	12-15	6-8	3-8	3-6
2 minute	12-15	6-8	3-8	3-6
2-4 minute	12-15	6-8	3-8	3-6
7 minute	12-15	6-8	3-8	3-6



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