

Daracem[®] 100

Adjusting Addition Rates to Meet Slump-Life Requirements

Daracem[®] 100 Superplasticizer is formulated to produce flowable concrete with superior slump-life characteristics. As ambient and concrete temperatures rise, Daracem 100 dosage rates can be increased to provide the desired slump-life performance.

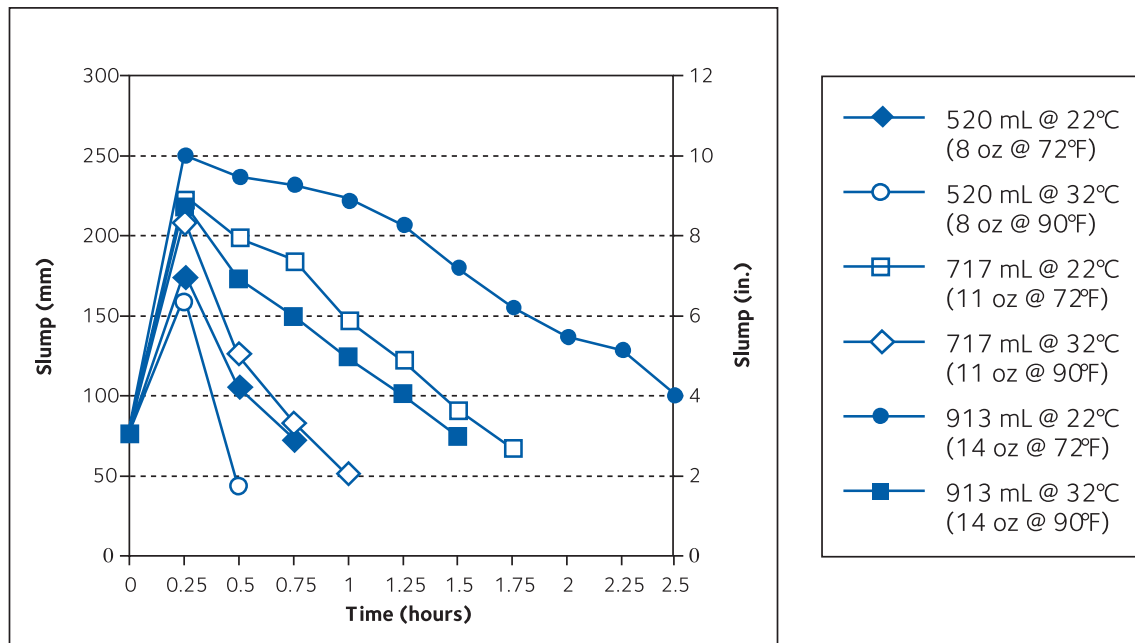
The following information shows typical field performance results obtained with Daracem 100 at various dosage rates and ambient temperatures. Note that the results will vary according to mix design, cement type, and other factors. The results presented here show general tendencies of behavior, specific mixes should be tested prior to job start-up.

Daracem 100 Slump Retention Performance

Dosage Rate, mL/100 kg (oz/100 lbs)	Ambient Temperature °C (°F)	Initial Slump mm (in.)	High Slump mm (in.)	Time, min., to return to 75 mm (3 in.) Slump
522 (8)	22 (72)	75 (3)	178 (7)	45
522 (8)	32 (90)	75 (3)	165 (6.5)	25
717 (11)	22 (72)	75 (3)	229 (9)	90
717 (11)	32 (90)	75 (3)	216 (8.5)	45
913 (14)	22 (72)	75 (3)	254 (10)	>150
913 (14)	32 (90)	75 (3)	229 (9)	90

The chart below graphically demonstrates the data in the above table.

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