
RUSSTECHNICAL NOTES

PRODUCT: SUPERFLO 443

DOSAGE RANGE: 10 to 26 ozs./cwt.

OPTIMUM SLUMP RANGE: 8" to 11" (or high early strength mixes at lower slumps)

<u>Dosage ozs./cwt.</u>	<u>Approximate % Water Reduction</u>	<u>Approximate Slump Gain</u>	<u>Retardation/Acceleration @ 70 F (-) is Acceleration (+) is Retardation, Hr:Min</u>	<u>Approximate % Change of AEA Dosage</u>
10	15	4"	-0:02	+16%
12	20	5"	-0:20	+16%
16	30	7"	+0:14	+18%
20	35	8.5"	+0:24	+18%
24	40	10"	+0:36	+20%

GENERAL RULES OF THUMB:

1. For each additional 2 ozs./cwt. of **SUPERFLO 443**, slump will increase 1"
2. When adding accelerators to mid-range doses of **SUPERFLO 443**, it may require (approximately 1/2%) extra accelerator to achieve normal acceleration.
3. When adding retarders to mid-range doses of **SUPERFLO 443**, it may require (approximately 33%) less retarder to achieve normal retardation.
4. Pot life of admixture is much better when plant slump is 8" or more.
5. Slump will decrease approximately 1" on the way to jobsite under normal conditions.
6. Mix concrete a *minimum* of 6 minutes after batching is complete.



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