

APPROVED SOURCES

WATER REDUCING & RETARDING ADMIXTURES PAVEMENT OR STRUCTURAL CONCRETE WITH NORMAL WORKING TIMES

Note: Mixed-to-placed time period may be extended as per Iowa DOT Standard Specifications [Section 2301.13.D](#). For patching with extended haul time, rate may be reduced to half dosage.

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>DOSAGE, fl. oz/100 lb. of Cementitious Materials</u>	
		<u>Typical</u>	<u>Range</u>
Catexol 1000 N	AXIM Concrete Technologies	3.5	3.5 - 5.0
Catexol 1000 R	AXIM Concrete Technologies	1.5	1.5 - 4.0
Daratard 17	W.R. Grace & Company	2.0	2.0 - 8.0
Daratard HC	W.R. Grace & Company	2.0	2.0 - 4.0
Delvo Stabilizer (Hydration stabilizer*)	BASF Construction Chemicals	3.0	3.0 - 5.0
Eucon Retarder 100	Euclid Chemical Company Distributed by Brett Admixtures	2.0	2.0 - 6.0
Eucon TR	Euclid Chemical Company Distributed by Brett Admixtures	3.0	3.0 - 6.0
LC-400R	RussTech	3.0	3.0 - 6.0
OptiFlo 100R	Premiere Concrete Admixtures	3.0	2.0 - 8.0
OptiFlo 500	Premiere Concrete Admixtures	4.0	4.0 - 8.0
OptiFlo Renu (Hydration stabilizer*)	Premiere Concrete Admixtures	3.0	3.0 - 6.0
Plastiment	Sika Corporation	2.0	2.0 - 4.0
Plastiment ES	Sika Corporation	2.0	2.0 - 4.0
Plastocrete-10N	Sika Corporation	3.5	3.5 - 5.0
Plastocrete 161	Sika Corporation	4.0	4.0 - 6.0

**WATER REDUCING & RETARDING ADMIXTURES
PAVEMENT OR STRUCTURAL CONCRETE WITH NORMAL WORKING TIMES
(Continued)**

<u>BRAND NAME</u>	<u>PRODUCER/DISTRIBUTOR</u>	<u>DOSAGE, fl. oz/100 lb. of Cementitious Materials</u>	
		<u>Typical</u>	<u>Range</u>
Pozzolith 80	BASF Construction Chemicals	6.0	6.0 - 10.0
Pozzolith 100 XR	BASF Construction Chemicals	2.0	2.0 - 4.0
Pozzolith 300 R	BASF Construction Chemicals	3.0	3.0 - 5.0
Pozzolith 322 N	BASF Construction Chemicals	5.0	5.0 - 7.0
Pozzolith 700 N	BASF Construction Chemicals	5.0	5.0 - 7.0
Polychem-R	General Resource Technology	2.0	2.0 - 5.0
Recover	W.R. Grace & Company	2.0	2.0 - 6.0
Sikatard 440 (Hydration stabilizer*)	Sika Corporation	2.0	2.0 - 8.0
Stop Set L (Hydration stabilizer*)	AXIM Concrete Technologies	3.0	3.0 - 8.0
WRDA with Hycol	W.R. Grace & Company	5.0	5.0 - 6.0

*The dosage rate for hydration stabilizer may vary for different applications, and check manufacturer's recommendation before use.