

## TCA Baxter Driveway One Page Summary Sheet (Final)

Component	Control	Control + Fiber	H2O Premix	Microsilica
Type I PC (lbs)	3200	2300	5765	4460
Silica Fume (lbs)	0	0	0	200
No. 8 Limestone (lbs)	12990	9480	23600	18960
Sand (lbs)	980	680	1740	1380
Water (lbs)	1033	775.2	1954	1529.6
BASF 300R (oz)	95	69	173	138
BASF Polyheed N (oz)	158	115	0	0
BASF VMA (oz)	64	46	0	0
H2O Premix (oz)	0	0	575	0
BASF Navitas (oz)	0	0	0	184
¾-inch Durafiber (lbs/CY)	0	1.5	1.5	1.5

	Control	Control + Fiber	H2O Premix	Microsilica
Quantity Delivered (CY)	5.5	4	10	8
w/cm	0.323	0.337	0.339	0.328
% Sand	7.2	6.9	7.1	7.0
% Microsilica	0	0	0	4.3
BASF 300R (oz/cwt)	3	3	3	3
BASF Polyheed N (oz/cwt)	4.9	5	0	0
BASF VMA (oz/cwt)	2	2	0	0
H2O Premix (oz/cwt)	0	0	10	0
BASF Navitas (oz/cwt)	0	0	0	3.9

	Control	Control + Fiber	H2O Premix	Microsilica
ASTM C 1688 Voids (%)*	16.3	14.1	13.8	16.4
Mean ASTM D 7063 Effective Voids (%)	29.2	29.2	29.5	28.7
Mean Lab Constant Head Permeability (inches/hour)	87	57	116	52
Mean ASTM C 1701 Field Permeability (inches/hour)*	472	200	353	183
Mean ASTM C 39 28-day Core Compressive Strength (psi)	2570	1970	1820	1970
ASTM C 1747** (% Loss)	41	38	31	22

\* - conducted by TCA personnel

\*\* - Not fabricated, cured, or performed according to test method requirements

Sealed core mean 28-day compressive strength = 5250-psi