



FREMONT PAVING and REDI-MIX, INC.

839 MacKenzie Avenue
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Cañon City, Colorado 81215

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Mix Identification No.: **S3007**
Design Strength: 3000
Cementitious Content: 9.8
Typical Usage: CDOT 507.04 Sand Grout

Mix Proportions:

Materials:	Type or Size	ASTM Standard	Design Weights per Cubic Yard	
Cement	1-2	C-150	735	lb.
Fly Ash	Class C	C-618	188	lb.
Coarse Aggregate	67	C-33		lb.
Int. Aggregate	# 8	C-33		lb.
Fine Aggregate	Sand	C-33	2370	lb.
AEA		C-260	2.0	oz.
WRA	A	C-494		oz.
MRWR	A	C-494		oz.
HRWR	F	C-494		oz.
Water	City	C-94	417	lb.
Special Material	Fibermesh			lb.

The above weights are based upon aggregates in a saturated, surface dry (SSD) condition. Batch plant corrections must be made for moisture in aggregates. Mix proportions may be adjusted in accordance with ACI 301-99, section 4.2.3.6

Water Requirements: Total Cementitious Materials

W/C Ratio (gal. / sack)	5.10
W/C Ratio (By Weight)	0.45
Water Content (gal. / cu.yd)	50.1

Physical Properties of Mixture:

Slump	7 to 9	in.
Air Content	6 to 10	%
Unit Weight	132	pcf
Yield	28.11	cu. ft.

Compressive Strength (psi):

(Estimated)

<u>7 Day</u>	<u>28 Day</u>
3000	4200

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CONCRETE

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