



**City of Mesa
Engineering Department
Materials Lab**

2025 & 2026

Approved Concrete Mix Designs

American Eagle Materials Arizona

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	Design Date	Natural Pozz	Design Date
MAG AA 4000 PSI 1" Flowable	4-7"	M401F25M	1/14/2025	M301F25M*	1/15/2025
MAG AA 4000 PSI 1"	3-5"	M401F25B	1/14/2025	M401F25B*	1/15/2025
MAG AA 4000 PSI Machine	0-3"	M401F25A	1/14/2025	M401F25A*	1/21/2025
MAG A 3000 PSI 1" Flowable	4-7"	M301F25M	1/14/2025	M301F25M*	1/15/2025
MAG A 3000 PSI 1"	3-5"	M301F25B	1/14/2025	M301F25B*	1/15/2025
MAG A 3000 PSI Machine	0-3"	M301F25A	1/14/2025	M301F25A*	1/15/2025
MAG B 2500 PSI 1"	3-5"	M301F25A	1/14/2025	M301F25A*	1/15/2025

Approved Plants:

*Plant #1 6800 W. Puma, Carefree Highway, Peoria, AZ 85383 (Using Natural Pozzolan)

Plant #6 4515 N. El Mirage Road, Avondale, AZ 85392 (Using Only Fly Ash)



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Quikrete / Arizona Materials

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI Flowable	6-8"	14054		12/31/2024
MAG AA 4000 PSI Slip Form Mix	0-3"	14006		12/31/2024
MAG AA 4000 PSI	3-5"	14004		12/31/2024
MAG A 3000 PSI Flowable	6-8"	13054		12/31/2024
MAG A 3000 PSI Slip Form Mix	0-3"	13008		12/31/2024
MAG A 3000 PSI	3-5"	13004		12/31/2024
MAG B 2500 PSI Flowable	6-8"	12554		12/31/2024
MAG B 2500 PSI Slip Form Mix	0.5-2.5"	12506		12/31/2024
MAG B 2500 PSI	3-5"	12504		12/31/2024
MAG C 2000 PSI	3-5"	12004		12/31/2024

Approved Plants:

Plant #652 A/B 3636 S. 43rd Avenue, Phoenix, AZ 85009
Plant #655 21838 N. 20th Street, Phoenix, AZ 85024
Plant #654 6225 N. El Mirage Road, Glendale, AZ 85307
Plant #656 2161 W. Tanner Road, Sacaton, AZ 85247
Plant #657 1900 N. Longmore Road, Mesa, AZ 85201
Plant #658 3666 N. Higley Road, Mesa, AZ 85215
Plant #660 6400 S. El Mirage Road, Avondale AZ 85323



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Sunroc / Arizona Metro Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI	3-5"	401110		01/15/25
MAG AA 4000 PSI w/Air	3-5"	401110A		01/15/25
MAG AA 4000 PSI Flowable	5-8"	401120		01/15/25
MAG AA 4000 PSI Flowable w/Air	5-8"	401120A		01/15/25
MAG AA 4000 PSI Machine Mix	1-3"	401130		01/15/25
MAG A 3000 PSI	3-5"	301111		01/15/25
MAG A 3000 PSI Flowable	6-8"	301121		01/15/25
MAG A 3000 PSI Machine Mix	1-3"	301131		01/15/25
MAG B 2500 PSI	3-5"	251112		01/15/25
MAG B 2500 PSI Flowable	6-8"	251122		01/15/25
MAG B 2500 PSI Machine Mix	1-3"	251132		01/15/25
MAG C 2000 PSI	3-5"	201113		01/15/25

Approved Plants:

East Plant 1 39360 N. Schnepf Road, Queen Creek, AZ 85242

West Plant 2 21209 W. Beloit Road, Buckeye, AZ 85326

North Plant 3 27126 N. 107th Avenue, Peoria, AZ 85383



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**2025 & 2026
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CalPortland

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Natural Pozz	Design Date
MAG AA 4000 PSI Machine	0-3"	P4025MAA	P4015MAA		1/29/2025
MAG AA 4000 PSI Flowable	5-8"	P4025AAF	P4015AAF	P40N5AAF	1/29/2025
MAG AA 4000 PSI	3-5"	P4025AA1	P4015AA1	P40N5AA1	1/29/2025
MAG AA 4000 PSI w/Air Flowable	5-8"	P4025AFS			1/29/2025
MAG AA 4000 PSI w/Air	3-5"	P4025AA5			1/29/2025
MAG A 3000 PSI	3-5"	P3025A01	P3015A01	P30N5A01	1/29/2025
MAG A 3000 PSI Flowable	5-8"	P3025AF1	P3015AF1		1/29/2025
MAG A 3000 PSI Machine	0-3"	P3025MA1			1/29/2025
MAG A 3000 PSI Flowable	5-7"			P30N5AF1	1/29/2025
MAG B 2500 PSI	3-5"	P2525B01	P2515B01	P25N5BF1	
MAG B 2500 PSI Machine	0-3"	P2525MB1			
MAG B 2500 PSI Flowable	5-8"	P2525BF1	P2515BF1		
MAG B 2500 PSI Flowable	5-7"			P25N5BF1	
MAG C 2000 PSI	3-5"	P2025C01	P2015C01		

Approved Plants:

Plant# 130 7845 West Broadway Road, Phoenix, AZ 85043
Plant# 137 2425 W. Power Line Road, Maricopa, AZ 85239
Plant# 147 4830 South 43rd Avenue, Phoenix, AZ 85041
Plant# 149 14621 N. 115th Avenue El Mirage, AZ 85335
Plant# 150 Beardsley - 11500 W. Beardsley Road, Sun City, AZ 85373
Plant# 151 Red Mountain - 3664 North Higley Road, Mesa, AZ 85215
Plant# 152 Queen Creek - 39401 N. Schnepf Road, San Tan Valley, AZ 85140
Plant# 154 Higley - 3410 North Higley Road, Mesa, AZ 85215
Plant# 159 Queen Creek - 39401 N. Schnepf Road, San Tan Valley, AZ 85140
Plant# 160 Buckeye - 31805 W. Southern Ave, Buckeye, AZ 85326
Plant# 161 New River - 39333 N. New River Road, Phoenix, AZ 85085
Plant# 162 8050 S. Jack Rabbit Trail, Buckeye, AZ 85326



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Cemex

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI Standard	3-5"	1556313	1377687	01/31/25
MAG AA 4000 PSI Flowable	5-8"	1556315	1377688	01/31/25
MAG AA 4000 PSI Air 25% Ash Curb STD	1-3"	1555658		01/31/25
MAG A 3000 PSI Standard	3-5"	1555049	1385442	01/31/25
MAG A 3000 PSI Flow Standard	5-8"	1555050	1341247	01/31/25
MAG A 3000 PSI Air 25% Ash CurbM STD	1-3"	1555657		01/31/25
MAG B 2500 PSI Standard	3-5"	1554955	1332339	01/31/25
MAG B 2500 PSI Flowable	5-8"	1555047		01/31/25
MAG C 2000 PSI 25% Ash Standard	3-5"	1555624		01/31/25
MAG C 2000 PSI 25% Ash Flowable	5-8"	1555627		01/31/25

Approved Plants:

Plant #1956A/B 3640 South 19th Avenue, Phoenix, AZ 85009
Plant #1959 3666 N. Higley Road, Mesa, AZ 85215
Plant #1960A/B NE Intersection of Maricopa Road & Gila River, Maricopa, AZ 85139
Plant #4108A/B 11701 W. Indian School Road, Avondale, AZ 85392
Plant #4112 2126 N. Tanner Road, Sacaton, AZ 85147



**City of Mesa
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2025 & 2026

Approved Concrete Mix Designs

CORE Ready Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI	2-5"	4025AA1P		02/03/25
MAG AA 4000 PSI Machine	0-3.5"	402MAA1P		02/03/25
MAG AA 4000 PSI Flowable	5-7"	4025AAFP		02/03/25
MAG A 3000 PSI	2-5"	3025A01P		02/03/25
MAG A 3000 PSI Machine	0-3.5"	3025MA1P		02/03/25
MAG A 3000 PSI Flowable	5-7"	3025AF1P		02/03/25
MAG B 2500 PSI	2-5"	2525B01P		02/03/25
MAG B 2500 PSI Machine Mix	0-3.5"	2525BM1P		02/03/25
MAG C 2000 PSI	2-5"	2025C01P		02/03/25

Approved Plants:

Plant #2 27212 N. 107th Avenue, Peoria AZ.

Plant #3 8050 S. Jackrabbit Trail, Buckeye, AZ



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Desert Ready Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Natural Pozz	Design Date
MAG AA 4000 PSI w/Ash	3-5"	A204001			12/16/2024
MAG AA 4000 PSI w/Ash Machine Mix	1-3"	A204002			12/16/2024
MAG AA 4000 PSI Machine	1-3"			A204052	12/16/2024
MAG AA 4000 PSI w/Ash Exposed	3-5"	A204031			12/16/2024
MAG AA 4000 PSI Flowable	5-7"	F204011	F204010	F204051	12/16/2024
MAG AA 4000 PSI	3-5"		A204000	A204051	12/16/2024
MAG A 3000 PSI w/Ash	3-5"	A203001			12/16/2024
MAG A 3000 PSI w/Ash Machine Mix	1-3"	A203002			12/16/2024
MAG A 3000 PSI Machine Mix	1-3"			A203052	12/16/2024
MAG A 3000 PSI w/Ash Exposed	3-5"	A203031			12/16/2024
MAG A 3000 PSI Flowable	5-7"	F203011	F203010	F203051	12/16/2024
MAG A 3000 PSI	3-5"		A203000	A203051	12/16/2024
MAG B 2500 PSI w/Ash	3-5"	A202501			12/16/2024
MAG B 2500 PSI w/Ash Machine Mix	1-3"	A202502			12/16/2024
MAG B 2500 PSI Machine Mix	1-3"			A202552	12/16/2024
MAG B 2500 PSI Flowable	5-7"	F202511	F202510	F202551	12/16/2024
MAG B 2500 PSI	3-5"		A202500	A202551	12/16/2024
MAG C 2000 PSI Flowable	5-7"	F202011	F202010	F202051	12/16/2024
MAG C 2000 PSI w/Ash	3-5"	A202001			12/16/2024
MAG C 2000 PSI	3-5"		A202000	A202051	

Approved Plants:

Plant #5 5401 N. 119th Avenue, Litchfield Park, AZ 85340
Plant #M2 6500 N. Agua Fria Shore, Glendale AZ, 85307
Plant #10 1800 N. Alma School Road, Mesa, AZ 85201
Plant #11 17705 West Southern Avenue, Goodyear, AZ 85338
Plant #14 AZ Highway 347 MM187, Bapchule, AZ 85338
Plant #16 395353 N. Schnepf Road, San Tan Valley, AZ 85140



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GFT Ready Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI Curb	0.5-1.5"	MA4000C		01/20/25
MAG AA 4000 PSI Flowable	6-8"	MA4000F	MA4010F	01/20/25
MAG AA 4000 PSI	3-5"	MA4000R	MA4010R	01/20/25
MAG A 3000 PSI Curb	0.5-1.5"	MA3000C		01/20/25
MAG A 3000 PSI Flowable	6-8"	MA3000F	MA3010F	01/20/25
MAG A 3000 PSI	3-5"	MA3000R	MA3010R	01/20/25
MAG B 2500 PSI Curb	0.5-1.5"	MB2500C		01/20/25
MAG B 2500 PSI Flowable	6-8"	MB2500F	MA2510F	01/20/25
MAG B 2500 PSI	3-5"	MB2500R	MA2510R	01/20/25
MAG C 2000 PSI Flowable	6-8"	MC2000F	MC2010F	01/20/25
MAG C 2000 PSI	3-5"	MC2000R	MC2010R	01/20/25

Approved Plants:

Plant #1 3423 S. 51st Avenue, Phoenix, AZ 85043
Plant #3 21901 N. 115th Avenue, Sun City, AZ 85373
Plant #4 25739 W. Hazen Rd, Buckeye AZ, 85326



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Martin Marietta

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI 1" w/MR	4-7"	2403144	2403104	01/20/25
MAG AA 4000 PSI 1"	3-5"	2403141	2403101	01/20/25
MAG AA 1" Machine w/AEA	0-3"	2404122		01/20/25
MAG A 3000 PSI 1" w/MR	4-7"	2303144	2303104	01/20/25
MAG A 3000 PSI 1"	3-5"	2303141	2303101	01/20/25
MAG A 3000 PSI 1" Machine w/AEA Only	0-3"	2304122		01/20/25
MAG B 2500 PSI 1"	3-5"	2253141	2253101	01/20/25
MAG B 2500 PSI 1" w/MR	4-7"	2253144	2253104	01/20/25
MAG B 2500 PSI 1" Machine w/AEA	0-2"	2254122		01/20/25
MAG C 2000 PSI 1"	3-5"	2203141		01/20/25
MAG C 2000 PSI 1" w/MR	4-7"	2203144		01/18/23

Approved Plants:

Plant #331 2941 W. 37th Avenue, Apache Junction, AZ 85120
Plant #333 12695 N. Beeline Highway, Scottsdale, AZ 85296
Plant #338 2126 Tanner Road, Sacaton, AZ 85142
Plant #340 5159 N. El Mirage Road, Litchfield Park, AZ 85340
Plant #367 6402 W. Southern Avenue, Laveen, AZ 85339



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Rock Solid

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI Machine	0-2"	A4046		2025/2026
MAG AA 4000 PSI Flowable	6-8"	A4040P		2025/2026
MAG AA 4000 PSI	3-5"	A4040	A4041	2025/2026
MAG A 3000 PSI Machine	0-2"	A3046		2025/2026
MAG A 3000 PSI Flowable	6-8"	A3040P		2025/2026
MAG A 3000 PSI	3-5"	A3040	A3041	2025/2026
MAG B 2500 PSI Machine	0-2"	A2546		2025/2026
MAG B 2500 PSI Flowable	6-8"	A2540P		2025/2026
MAG B 2500 PSI	3-5"	A2540	A2541	2025/2026
MAG C 2000 PSI	3-5"	A2040		2025/2026

Approved Plants:

Plant #1 6741 W Rock Solid Way Chandler, AZ 85226
Plant #2 17705 W. Southern Avenue, Goodyear AZ 85338
Plant #3 North 6501 W. Aqua Fria Shore, Glendale, AZ 85307
Plant #3 South 6501 W. Aqua Fria Shore, Glendale, AZ 85307
Plant #5 3666 N Higley Road, Mesa, AZ 85215
Plant #6 6204 W Southern Avenue, Laveen, AZ 85339
Plant #10 6741 W Rock Solid Way, Chandler, AZ 85226



**City of Mesa
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2025 & 2026

Approved Concrete Mix Designs

Sunshine Redi Mix

The following Mix Designs have been approved by the City of Phoenix Materials Lab and adapted by the City of Mesa Materials Lab for use within the City of Mesa:

Product	Slump	Fly Ash	No Fly Ash	Design Date
MAG AA 4000 PSI	3-5"	G5504000		1/15/2025
MAG A 3000 PSI	3-5"	G5503000		1/15/2025
MAG B 2500 PSI	3-5"	G5502500		1/15/2025

Approved Plants:

Glendale Plant 5725 N. 55th Avenue, Glendale AZ