



EUCON Water Reducing and Plasticizing Admixtures

material description

ASTM C-494 Approved Admixtures

Since 1910, The Euclid Chemical Company has been providing solutions that address the needs of concrete producers, contractors and engineers. Optimizing mix designs that save producers money, increasing durability and providing predictable concrete for contractors have been the focus of a value equation that make Euclid Chemical Admixtures the smart choice.



EUCON water reducers are used in everyday concrete and special projects throughout the world to improve plastic and hardened properties of concrete.



ready mixed concrete ◆ precast ◆ residential projects
commercial projects ◆ architectural concrete

ASTM C-494 Classifications

Type A	Water Reducing
Type B	Retarding
Type C	Accelerating
Type D	Water Reducing and Retarding
Type E	Water Reducing and Accelerating
Type F	High Range Water Reducing
Type G	High Range Water Reducing and Retarding

A full line-up of admixtures with different chemistries virtually guarantee we have a water reducer that works best with your local cements, pozzolans, and aggregates. All of our water reducers have been certified by an independent laboratory that ensure compliance with ASTM C-494 (Standard Specification For Chemical Admixtures for Concrete). Engineers and ready mix producers alike can take comfort from the knowledge that Euclid Chemical admixtures have been developed and tested using universally accepted criteria.





water reducers

EUCON Water Reducing and Plasticizing Admixtures

Product Name	ASTM Classification	Dose Range	Benefits
EUCON WR	ASTM C-494 Types A & D	4-12 oz/cwt (250-750 ml/100 kg)	Workability, durability, increased strengths, economical
EUCON WR 75	ASTM C-494 Type A	2-3 oz/cwt (125-190 ml/100 kg)	Workability, durability, increased strengths, economical, low dose
EUCON WR 91	ASTM C-494 Types A & D	2-10 oz/cwt (125-625 ml/100 kg)	Workability, durability, increased strengths, finishability
EUCON A+	ASTM C-494 Type A	3-10 oz/cwt (187-625 ml/100 kg)	Workability, durability, normal to accelerated set
EUCON NW	ASTM C-494 Type A	2-6 oz/cwt (130-390 ml/100kg)	Workability, durability, increased strengths, easier placeability
EUCON LW	ASTM C-494 Type A	4-6 oz/cwt (260-390ml/100kg)	Workability, durability, easier placeability, increased strengths
EUCON HW	ASTM C-494 Type A	3-10 oz/cwt (195-650ml/100kg)	Workability, normal setting throughout dose range

mid-range water reducers

Product Name	ASTM Classification	Dose Range	Benefits
EUCON MR	ASTM C-494 Types A & F	4-14 oz/cwt (250-875 ml/100 kg)	Slump retention, workability, durability, increased strengths, reduced permeability, finishability
PLASTOL 341	ASTM C-494 Types A & F	2-25 oz/cwt (125-1630 ml/100 kg)	Workability, durability, increased strengths, slump retention, early strengths, finishability, self-consolidating concrete
EUCON X-15	ASTM C-494 Types A & F	3-10 oz/cwt (195-650ml/100kg)	Enhanced workability, increased strengths, excellent finishability, normal setting characteristics
EUCON X-20	ASTM C-494 Types A & F	3-15 oz/cwt (195-978 ml/100kg)	Higher strengths, improved workability, improved finishability, normal setting characteristics

high-range water reducers

Product Name	ASTM Class.	Dose Range	Benefits
EUCON 37	C-494 Types A & F	6-20 oz/cwt (390-1300 ml/100 kg)	High ultimate compressive strengths, low water to cement ratios, slump gain, durability, pumpability
EUCON SP	ASTM C-494 Type F	6-25 oz/cwt (390-1630ml/100kg)	High ultimate compressive strengths, low water to cement ratios, excellent slump gain, improved pumpability
EUCON 1037	ASTM C-494 Types A & F	10-25 oz/cwt (650-1630 ml/100 kg)	High ultimate compressive strengths, low water to cement ratios, slump gain, durability, pumpability
PLASTOL 5000	ASTM C-494 Types A & F	3-15 oz/cwt (195-978 mls/100 kg)	High early and ultimate strengths, low water to cement ratios, slump gain, self-consolidating concrete, up to 40% water reduction, low dose
EUCON SPC	ASTM C-494 Type F	3-12 oz/cwt (195-781ml/100kg)	High early and ultimate compressive strengths, improved slump retention, reduced permeability, excellent slump retention, low dose technology
EUCON SPJ	ASTM C-494 Type F	4-7 oz /cwt (260-455 ml/100 kg)	High early and ultimate strengths, improved workability, reduced permeability, low dose technology
EUCON SPQ	ASTM C-494 Type F	5-16 oz/cwt (300-1000ml/100kg)	Very high early stripping strengths for precast, high ultimate strengths, improved workability

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An **RPM** Company

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