



## PRODUCT AND SERVICE SOLUTIONS

With our comprehensive line of water reducers and plasticizers, Euclid Chemical admixtures ensure a consistent and reliable concrete mix 'every time'. Euclid has built its success on a few simple principles; quality, responsiveness to market needs and demonstratively better service. Our CCRL inspected labs, ACI certified field technicians, first rate dispenser labs, along with Euclid Chemicals' commitment to ISO 9001:2000 produced products, make Euclid Chemical customers stand out in the crowd.



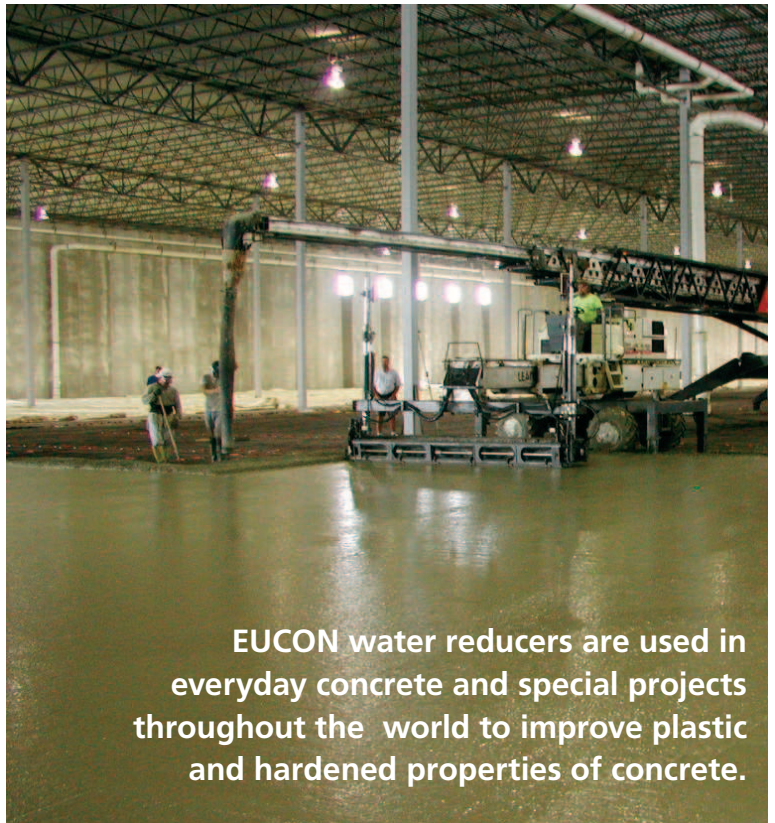
## MATERIAL DESCRIPTION

### ASTM C-494 Approved Admixtures

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.



Euclid provides high quality equipment and products to make sure you get the plastic and hardened properties in your concrete that fits the needs of the project. If you do not currently get your admixtures from Euclid Chemical, give us a call and see how our service, and use of the latest technologies, can help you surpass the competition to make your concrete company a success.



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



# EUCON WATER REDUCING AND PLASTICIZING ADMIXTURES



## WATER REDUCERS

Product Name	ASTM Classification	Dose Range	Benefits
<b>EUCON WR</b>	ASTM C-494 Types A & D	4-12 oz/cwt (250-750 ml/100 kg)	Workability, durability, increased strengths, economical
<b>EUCON WR 75</b>	ASTM C-494 Type A	2-3 oz/cwt (125-190 ml/100 kg)	Workability, durability, increased strengths, economical, low dose
<b>EUCON WR 91</b>	ASTM C-494 Types A & D	2-10 oz/cwt (125-625 ml/100 kg)	Workability, durability, increased strengths, finishability
<b>EUCON A+</b>	ASTM C-494 Type A	3-10 oz/cwt (187-625 ml/100 kg)	Workability, durability, normal to accelerated set
<b>EUCON NW</b>	ASTM C-494 Type A	2-6 oz/cwt (130-390 ml/100kg)	Workability, durability, increased strengths, easier placeability
<b>EUCON LW</b>	ASTM C-494 Type A	4-6 oz/cwt (260-390ml/100kg)	Workability, durability, easier placeability, increased strengths
<b>EUCON HW</b>	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
<b>EUCON MR</b>	ASTM C-494 Types A & F	4-14 oz/cwt (250-875 ml/100 kg)	Slump retention, workability, durability, increased strengths, reduced permeability, finishability
<b>PLASTOL 341</b>	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
<b>PLASTOL 341S</b>	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. Improved air response with certain cements.
<b>EUCON X-15</b>	ASTM C-494 Types A & F	3-10 oz/cwt (195-650ml/100kg)	Enhanced workability, increased strengths, excellent finishability, normal setting characteristics
<b>EUCON X-20</b>	ASTM C-494 Types A & F	3-15 oz/cwt (195-978 ml/100kg)	Higher strengths, improved workability, improved finishability, normal setting characteristics
<b>EUCON PRO-FINISH</b>	ASTM C-494 Types A & F	3-6 oz/cwt (196-391 ml/100kg)	Unique formula using the reliability of older technology and state of the art polymer technology to bring exceptional finishing characteristics and highly predictable performance, high early and ultimate strengths

## HIGH-RANGE WATER REDUCERS

Product Name	ASTM Classification	Dose Range	Benefits
<b>EUCON 37</b>	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
<b>EUCON SP</b>	ASTM C-494 Type F	6-20 oz/cwt (390-1300 ml/100 kg)	High ultimate compressive strengths, low water to cement ratios, excellent slump gain, improved pumpability
<b>EUCON 1037</b>	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
<b>EUCON 5500</b>	ASTM C-494 Types A & F	3-8 oz/cwt (195-520 ml/100 kg)	Exceptional water reduction using very low dosages, up to 40% water reduction, excellent for SCC, improved workability, high compressive strengths
<b>EUCON 5700</b>	ASTM C-494 Types A & F	2-6 oz/cwt (130-391 ml/100 kg)	Exceptional performance with a low dose and ideal for precast and SCC, delivers early strengths, high water reduction, high early ultimate compressive and flexural strengths, 40% water reduction possible
<b>PLASTOL 5000</b>	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
<b>EUCON SPC</b>	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
<b>EUCON SPJ</b>	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
<b>EUCON SPQ</b>	ASTM C-494 Type F	5-16 oz/cwt (300-1000ml/100kg)	Very high early stripping strengths for precast, high ultimate strengths, improved workability

### 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



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