



## **EnviroAdd® HWR**

CEMENT ADDITIVE SOLUTIONS  
TO REDUCE CLINKER AND CO<sub>2</sub>



# Build with less water

**EnviroAdd®HWR are superior water demand reducers, engineered to help cement producers reduce clinker factor and CO<sub>2</sub> emissions without sacrificing performance.**

**REDUCE WATER DEMAND. LOWER CO<sub>2</sub>.  
ENHANCE WORKABILITY PROPERTIES ON MORTAR AND CONCRETE.  
IMPROVE STRENGTH.**

EnviroAdd®HWR is part of the Next-Gen Activators range - tailored to maximise CO<sub>2</sub> reduction while preserving or exceeding current quality benchmarks.

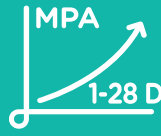


# Main benefits



## UP TO 18% WATER TO CEMENT RATIO REDUCTION

Without compromising workability on concrete.



## +50% EARLY-AGE / +30% LATE STRENGTH IN CONCRETE

Recovers strength deficit from novel SCMs.



## +3,000% SLUMP RETENTION

Exceptional workability retained at 60 minutes.



## STABLE AT 90-110°C

Survives hot-grinding mill conditions reliably.



## ACCELERATES CHALLENGING SCM ADOPTION

Optimized for calcined clay, natural pozzolan, CDW & limestone systems.



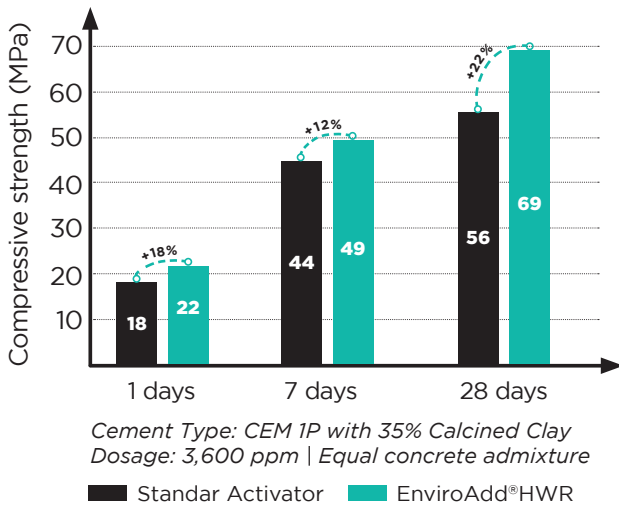
## ADMIXTURE SAVINGS

Reduces concrete admixture while maintaining target slump.

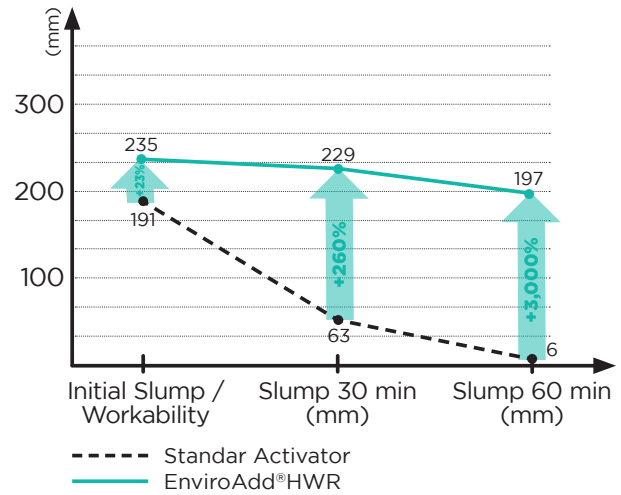
# Performance Data - USA

35% CALCINED CLAY

Concrete Strength Gains, constant water to cement ratio.



Slump Retention (mm)



# Product Performance Profile

PERFORMANCE RATINGS:	Grinding Performance	Water Demand Reduction	Early-Age Strength	Late-Age Strength	Workability / Slump Retention	SCM Compatibility
Concrete	██████████	██████████	██████████	██████████	██████████	██████████
Mortar	██████████	██████████	██████████	██████████	██████████	██████████

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