

TRIDENT

The Only Admixture That Delivers Performance While Reducing Costs

20-30%

STRENGTH INCREASE

IN 24 HOURS

1,500+

PSI INCREASE

AT 28 DAYS

5-7%

SAVINGS ON

COGS

THE COMPLETE SOLUTION TO INDUSTRY CHALLENGES

THE PROBLEMS

- Rising cement costs creating profitability concerns
- Razor-thin margins in commodity market
- Slag at 90% utilization rate, increasingly scarce
- Accelerated timelines demanding early strength
- 8% of global GHG emissions from cement

TRIDENT'S SOLUTION

- 300% more cost-efficient than cement alternatives
- First liquid additive that saves you money to use
- Reduces dependency on scarce SCMs
- Plug-and-play with no equipment changes
- 20-50% CO₂ reduction while exceeding performance

PROVEN PERFORMANCE RESULTS

PROPERTY	BASELINE M25	M25 WITH TRIDENT	IMPROVEMENT
Compressive Strength	34.3 MPa	43.4 MPa	+26.5%
Flexural Strength	2.0 MPa	4.3 MPa	+115%
Water Permeability	0.07 KT/M²	0.04 KT/M²	-43%

PROPERTY	BASELINE M25	M25 WITH TRIDENT	IMPROVEMENT
Chloride Permeability	585 C	235 C	-60%

KEY BENEFITS

- ✓ Use 3500 PSI recipe for 5000 PSI requirements
- ✓ Use up to 50% fly ash in mix designs
- ✓ PFAS-free formulation
- ✓ No change to workability or setting time
- ✓ Compatible with existing plasticizers
- ✓ Suitable for RMC and precast applications
- ✓ Simple dosing: 4-6 oz/cwt
- ✓ Validated by Cemex, CRH, Clark Pacific, Tindall

COST COMPARISON: M25 → M35 STRENGTH INCREASE

Using Cement: ~\$16/m³ | Using Trident: ~\$4/m³ | **Net Savings: \$12/m³**

Pipedream Industries Inc.

info@pipedreamindustries.com | www.pipedreamindustries.com | +1 (404) 996-9996

**SCHEDULE PILOT
PROGRAM**