



Setting the standard for low carbon, high performance concrete solutions

**Combining innovative
admixture technologies with
expert technical support,
pioneering the future of construction**

Explore our product selector
to find the right solutions across key
ready-mix and precast application
categories, supporting performance,
efficiency and lower-carbon concrete.



Innovation. Partnership. Sustainability.

PRODUCT SELECTOR

Precast & Ready-Mix
Concrete Solutions

Ready Mix

Precast

RELEASE AGENTS

- Chryso®Dem Auromol H15
- Chryso®Dem Aquarol
- Chryso®Dem Clarol Range

High performance admixtures for precast production.

SURFACE RETARDERS

- Pieri® VBA & DRC Lav Range
- Pieri® Top Range

Exposed aggregate and decorative concrete finishes.

LOW CARBON CONCRETE

- EnviroMix® 2432
- EnviroMix® P8260
- Chryso®Omega 169 EMx
- EnviroMix® ULC 5500
- EnviroMix® 3150 ACT

Admixtures and technologies for
lower-carbon concrete and alternative binders.

HIGH RANGE SUPERPLASTICISERS

- Chryso®Optima 1325
- Chryso®Optima 1350
- Chryso®Optima 1180
- Chryso®Adva 650
- Chryso®Adva XR 3009

Maximum water reduction, workability retention and performance.

LOW QUALITY AGGREGATES/ CLAY

- Quad® 909
- Quad® 930
- Quad® 890

Solutions for difficult sands, high fines and low-quality aggregates.

ACCELERATORS

- Chryso®Daraset 590
- Chryso®Daraset 790 EMx
- Chryso®Xel 680 EMx
- Chryso®Xel 650

Faster setting and early strength development.

CURING AGENTS

- Chryso®Darakote 90WX
- Chryso®Cure HPE
- Chryso®Cure EBA 20

Improve curing performance and surface quality.



Colne Valley Viaduct, London

Project characteristics

- 1,000 Precast segments
- Volume of concrete delivered to viaduct deck: 8,000m³

Optima 1000 benefits

- Improved thermal performance
- Reduced environmental impact
- Enhanced mechanical properties of concrete
- Self compacting concrete
- Reduced labour cost



National Grid, TKRE Grain to Tilbury

Ferrovial/BEMO: Main contractor
Pacadar: Precast Manufacturer

Project characteristics

- Precast tunnel segments for shaft lining and 2km of tunnel
- 50,000 Litres of EnviroMix® 2432
- 25,000 Litres Equalis 250
- 22,000 Litres Chryso®V-mar 3

EnviroMix®, Equalis and V-mar 3 benefits

- High early strength with 50% GGBS
- 1 hr retention and stable concrete



Clay Mitigation, Berkshire

Project characteristics

- 25-30,000 litres of Quad® 930 per annum

Quad® 930 benefits

- Reduced water demand and cement content
- Enabled client to produce range of new concretes
- Reduced water demand and cements content with a sand package that had varying levels of clay on contamination