TECHNICAL DATA SHEET

Chryso Concrete Solutions

07/10/2026

Quad® 816

Clay mitigating admixture

DESCRIPTION

Quad® 816 is a chemical admixture specifically designed and formulated to meet the needs of the concrete producer. It is designed to selectively react with clay contaminants in both coarse and fine aggregates.

This highly engineered product can eliminate the negative effect of clays in concrete through irreversible chemical reaction. Quad® 816 does not contain added chloride or triethanolamine. Quad® 816 complies with AS 1478, Type SN.

BENEFITS

- Uses latest technology to distinguish between beneficial fines and clay contamination, mitigating negative impact of latter
- Use clay bearing aggregates (natural and crushed) without compromising on concrete performance
- Significantly increases manufactured sand amount in mix design
- Increase utilization of lower quality / clay contaminated aggregates
- Significantly improves concrete performance through lowering water demand and concrete admixtures demand by blocking clay particles

APPLICATION

- Ready mix concrete
- Precast concrete
- Challenging mixes with clay contaminated aggregates

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Straw coloured
Lifetime	12 months
Specific gravity (kg)	1,050 ± 0,015
pH	5,50 ± 1,00

PACKAGING

- Bulk
- IBC 1250KG
- 205 L Drum
- Pail

SAFETY

Prior to any use, please read carefully the Safety Data Sheet (SDS).

METHOD OF USE

Dosage :

For most clays, dosage of 200 to 300 ml / 100 kg of total cementitious will effectively eliminate the negative effects of clay contamination. A typical dose range is between 200 to 600 ml / 100 kg of total cementitious. These levels can vary due to type of clay (mineralogy) and the level of contamination.

Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Air-entrainers such as Chryso®Air
- Water reducers such as Chryso®WRDA
- Mid-range water reducers such as Chryso®Mira
- High-range water reducers such as Chryso®Adva
- Rheology modifiers and rheology control admixtures
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- Quad® 816 should be stored in a shaded area not exposed to direct sunlight
- Should area's storage be exposed to freezing temperatures, provisions should be made for insulating and heating in order to prevent freezing, excess viscosity and to aid pumpability

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However,it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.

14 Colebard Street West, Archerfield QLD 4108, Australia Tel.:AU: 1800 855 525 | NZ: 0800 552 235

chryso SAINT-GOBAIN