

V-MAR® VSC500A

Concrete rheology-modifying admixture

DESCRIPTION

V-MAR® VSC500A is a new generation liquid admixture designed to enable the production of superior quality pervious concrete by imparting an enhanced paste rheology and controlling the hydration of cementitious materials.

V-MAR® VSC500A incorporates a unique, patented biopolymer and it is manufactured under closely controlled conditions to provide uniform and predictable performance. V-MAR® VSC500A complies with AS 1478, Type SRe admixture.

BENEFITS

Advantages on use with pervious concrete such as:

- Produces superior and consistent pervious concrete to reduce each load mix variability
- Enhances productivity with improved concrete flowability and faster truck discharge
- Adds batching flexibility with broader moisture tolerances, reducing quality control costs and improving truck yield
- Reduced evaporation, protection against ravelling under harsh environments and maintains better scheduling for longer time to cover from the mix discharge time
- Uniform compaction, produces consistent pavements with least effort and avoids costly repairs

APPLICATION

- Parking areas
- Tennis courts and patios
- Foundations or floors for green house, zoos and aquatic centres
- Residential roads, alleys and driveways
- Side-walks and pathways
- Pavement edge drains

INDICATIVE INFORMATION

Product Nature	Liquid
Color	White
Lifetime	12 months
Specific gravity (kg)	1,025 ± 0,010
pH	5,50 ± 1,00

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

SAFETY

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

METHOD OF USE

Dosage :

V-MAR® VSC500A is recommended for use in the range of 500 to 1,500 ml / 100 kg of total cementitious materials. However, mixture proportions and weather conditions may possibly require using dosage rates beyond this range.

V-MAR® VSC500A is a multi-functional chemical admixture that in general, does not require the co-addition of other admixtures.

Equipment :

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

COMPATIBILITY

- Water reducers such as Chryso®WRDA
- Retarders such as Chryso® Daramene
- Air-entrainers such as Chryso® Air

PRECAUTIONS

V-MAR® VSC500A will freeze at about -2°C but will return to full functionality after thawing and thorough mechanical agitation.

TECHNICAL DATA SHEET

V-MAR® VSC500A

Concrete rheology-modifying admixture

Chryso
Concrete
Solutions

03/02/2026

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 conducted 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

P.2/2