

V-MAR® 6

Concrete rheology-modifying admixture

DESCRIPTION

V-MAR® 6 is a rheology-modifying and mix-enhancing admixture that can be used in a variety of concrete mixes. V-MAR® 6 is based on a high molecular weight polymer that is designed to improve cohesion, flow, lubricity and "softness" to concrete. V-MAR® 6 contains no added Chlorides and no TEA.

V-MAR® 6 is supplied ready to use. When producing high workability concrete, V-MAR® 6 should be added "up-front" with part of the batching water. V-MAR® 6 complies with AS 1478.1-2000, Type SN.

BENEFITS

- Consolidates around reinforcement without blocking or segregation
- Enhances workability and pumpability, reducing friction in concrete mix
- Easy placing, screeding, pumping and finishing
- Neutral setting time with rapid progress
- Useful for concrete mixes that are lean, use manufactured sands and may have unfavourable sand gradings

APPLICATION

- SCC and lean mixes
- Spray and shotcrete mixes to eliminate silica fume

INDICATIVE INFORMATION

Product Nature	liquid
Color	Yellow
Lifetime	12 months
Specific gravity (kg)	1,008 ± 0,001
pH	8,00 ± 1,00

PACKAGING

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

METHOD OF USE

Dosage :

For SCC type concretes and as a silica fume part replacement, dose range is 3 to 5 L per m. For "non-SCC" concretes, V-MAR® 6 can be used at 500 to 1,000 ml / m3. As with most products of this type, the magnitude of the effect obtained with V-MAR® 6 is governed by the quantity of product used, water-cementitious ratio, the specific nature of concrete and its constituent materials. It is therefore necessary to assess performance under site conditions using site materials to determine optimum dosage and effect on both plastic and hardened concrete properties such as cohesiveness, workability retention, set characteristics, early rate of strength gain, ultimate compressive strength and shrinkage when these are of a consequence. For advice and assistance with your trials, we recommend you to consult your local Chryso representative.

Equipment :

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

COMPATIBILITY

- Portland cements ; pulverised fly ash, blast furnace slag
- Not compatible with other admixtures

PRECAUTIONS

V-MAR® 6 should preferably be stored protected from frost. If frozen, it should be carefully mixed after thawing out to restore it to its normal state

SAFETY

V-MAR® 6 is formulated from chemicals which present no fire or health hazards.

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