

# MEYCO<sup>®</sup> MS 695

Liquid colloidal silica

## DESCRIPTION

**Meyco MS 695** is a liquid dispersion of nanometric colloidal silica, designed to improve the properties of shotcrete and concrete in both the plastic and hardened states.

## RECOMMENDED FOR

**Meyco MS 695** is suitable for:

- Improving the performance of pumped concrete, shotcrete and conventionally placed concrete
- Improving the performance of plain, reinforced, precast, lightweight or standard weight concrete
- Use in white or coloured concrete
- Use in architectural concrete

## FEATURES AND BENEFITS

**Meyco MS 695** admixture aids in the production of shotcrete and concrete with these special qualities:

- *Normal setting characteristics*
- *Reduced bleed characteristics*
- *Reduced segregation particularly in lean mixes and high slump concrete*
- *Improved "workability time" and stability*
- *Improved pumpability, especially over long distances*
- *Improved sprayability of shotcrete, including a large reduction in the amount of rebound*
- *Improved durability*
- *Reduction in shrinkage of hardened concrete*

## SPECIFICATIONS

Form	Liquid
Colour	Translucent, milky liquid
Density	1.2
pH value	9
Viscosity (@ 20C)	<20 cPs
Thermal Stability	5°C to 35°C
Chloride content	<0.1%

## QUANTITY TO USE

**Meyco MS 695** is normally used between 2% and 4% by weight of cement ie. 2kg (1800mls) to 4kg (3600mls) per 100kg cementitious binder. Higher dose rates may be used after consultation with an BASF Construction Chemicals technical representative.

## COMPATABILITY

**Meyco MS 695** can be used with other BASF Construction Chemicals admixtures to achieve cost effective customised performance. However, all admixtures should be dispensed separately to ensure complete distribution throughout the mix. **Meyco MS 695** should not be used in conjunction with other admixtures unless specific test information is available.

For the most effective use, it is recommended that **Meyco MS 695** be added as the last component of the batching process.

## SHELF LIFE

**Meyco MS 695** is frost sensitive and must be stored at a temperature of min 5°C to max 35°C. If stored in tightly closed original containers, **Meyco MS 695** has a shelf life of 6 months. However, **Meyco MS 695** may be used from 6 to 12 months following mild mechanical agitation.

## PACKAGING

**Meyco MS 695** is supplied in 1100kg containers.



The Chemical Company

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All BASF Construction Chemicals Australia & New Zealand data sheets are updated on a regular basis, it is the user's responsibility to obtain the most recent issue **AMycoMS695/1/1207**

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