

# CIS CHEM SHORTCRETE -142

ALKALI FREE SHOTCRETE ACCELERATOR

PRODUCT CATEGORY: ACCELERATOR ADMIXTURE

## PRODUCT DISCRIPTION

Approval /Standards= ASTM C 1141 Type I,II Grade 9 Class A. Appearance / Colour =Beige white coloured suspension type liquid Technical Data= Mineral based Relative Density=  $1.42 \pm 0.02$  at  $25^{\circ}\text{C}$  pH =  $2.5 \pm 1.0$

## USES

- Rock and slope stabilization
- High quality shotcrete for general construction work
- Acceleration of cementitious grouts, such as used in TBM Tunnel linings
- Cement ground injections and back filling

## USE AT OTHER DOSAGES

Dosages outside the typical range suggested above may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision is available. Compliance with requirements must be assessed through trial mixes. Contact the CIS technical team for advice in these cases.

## STORAGE

CIS CHEM QG 138 has a minimum shelf life of 12 months provided the product is kept in a dry store in the original, unopened packaging.

## PRECAUTIONS

Health and safety for further information consult the product safety data sheet available for this product.



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## PRODUCT INFORMATION

Composition	Modified COPOLYMER PCE
Packaging	250 KG
Appearance / Colour	Light yellow to brown liquid
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +45 °C. Protect from direct sunlight and frost
Density	1.20 ± 0.05 kg/l at 30 °C
Total chloride ion content	Nil (EN 934-2)