



### Description

**PACTOCem Aid CR-SCL** is a high-performance Hexavalent Chromium reducing agent for cement added to cement mill during grinding process to reduce Chromium VI level significantly lower less than 2ppm complying with European directive 2003/53/EC.

### Recommended for

**PACTOCem Aid CR-SCL** is recommended for:

- Chromium VI reduction for Ordinary Portland Cement (OPC) less than 2ppm
- Blended cements using Fly Ash, GGBFS and other Pozzolonic materials
- Other hydraulic cements

### Features and Benefits

**PACTOCem Aid CR-SCL** is a formulated liquid solution based on stannous compounds enabling efficient reduction of Chromium (VI), even at low dosage rates

- Ready to use using grinding aid dosing pump.
- Direct dosing into the cement mill or mill feed belt
- Reduces Chromium Hexavalent level less than 2ppm depending on dosage
- No negative effect on setting time and strength.
- Suitable for use in Ball Mill and Vertical mills

### Product Specification

Bulk Density (g/cm <sup>3</sup> )	1.15
Colour	Clear liquid
Homogeneity	Homogeneous liquid

### Technical Details

**PACTOCem Aid CR-SCL** helps to reduce Chromium VI level significantly below 2ppm.

**PACTOCem Aid CR-SCL** is suitable for use in Ball Mill and Vertical Roller Mill (VRM).

**PACTOCem Aid CR-SCL** contains special chemical formulation based on stannous compounds that react with the cement/clinker to reduce Chromium Hexavalent level more effectively.

### Compatibility

**PACTOCem Aid CR-SCL** is compatible for use with all types of Portland cement and blended cement replacement materials like GGBS, PFA and limestone. **PACTOCem Aid CR-SCL** is compatible to all PACTO range concrete admixtures

### Dosage Guidelines

**PACTOCem Aid CR-SCL** guideline dosage is 50-100 grams/ton for each ppm of CR (VI) level in cement. Dosage may vary depending on clinker type, Type of cement mill. **PACTOCem Aid CR-SCL** dosage shall be optimized during plant field trials and actual plant use to meet desired requirement. Please contact PAC Technologies technical department for **PACTOCem Aid CR-SCL** dosage use outside guideline dosage range.



## Technical Services

PAC Technologies technical experts are available at all the time for technical assistance and troubleshooting.

## Packaging

PACTOCem Aid CR-SCL is supplied in 205L or 1000kgs IBC.

## Dispensing

PACTOCem Aid CR-SCL is normally added on the clinker material belt conveyor before cement grinding mill using suitable dispensing system. The PACTOCem Aid CR-SCL can be added to cement mill first chamber however addition location shall be decided jointly depending on actual plant condition.

## Standard Compliance

PACTOCem Aid CR-SCL complies with European directive 2003/53/CE requirements to limit the water-soluble Chromium (VI) content of cement below 2ppm.

## Storage

PACTOCem Aid CR-SCL shall be stored in covered storage area in clean dry tanks where temperature does not drop below freezing.

## Shelf Life

PACTOCem Aid CR-SCL can be stored up to 12 months when kept dry and tightly close in the original packing at the room temperature.

## Safety Precautions

The usual precautionary measures should be adhered to handling the chemicals. Skin and Eye Contact: The affected area should be washed with plenty of water and soap. During the handle of the product, should use protective gloves.



P.O. Box 282 676 Dubai - UAE  
Tel: +9714 770 66 46  
Fax: +9714 770 66 47  
Visit us: [www.pactechnologies.ae](http://www.pactechnologies.ae)

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