



Description

PACTOCem Aid CR-FSL 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-FSL 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-FSL is a formulated liquid solution based on Ferrous Sulphate technology 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

Density (g/cm ³) (20°C)	1.1 – 1.30
Colour	Blue-green liquid
Homogeneity	Homogeneous

Technical Details

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

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

PACTOCem Aid CR-FSL contains special chemical formulation based on Ferrous Sulphate technology that react with the cement/clinker to reduce Chromium Hexavalent level more effectively.

Compatibility

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



Dosage Guidelines

PACTOCem Aid CR-FSL 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-FSL** 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-FSL** 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-FSL is supplied in 205 Litres drums, 1000 Litres IBCs tanks. It does not contain flammable materials.

Dispensing

PACTOCem Aid CR-FSL is normally added on the clinker material belt conveyor before cement grinding mill using suitable metering pump dispensing system. The **PACTOCem Aid CR-FSL** 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-FSL complies with European directive 2003/53/CE requirements to limit the water-soluble Chromium (VI) content of cement below 2ppm.

Storage

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

Shelf Life

PACTOCem Aid CR-FSL can be stored up to 12 months in its original manufacturer's containers.

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.



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