



PACTOCem Aid CR-SS

Chromium VI reducing agent for Cement

Description

PACTOCem Aid CR-SS 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-SS 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-SS is a formulated powder form product based on Stannous Sulphate (SnSO_4) technology enabling efficient reduction of Chromium (VI), even at low dosage rates

- Ready to use using powder dosing system
- 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 ³)	1.60
Colour	White to slight yellow powder
Homogeneity	Homogeneous

Technical Details

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

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

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

Compatibility

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



Dosage Guidelines

PACTOCem Aid CR-SS guideline dosage is 20 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-SS** 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-SS** 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-SS is supplied in 25kgs bags or 1000kgs bags on pallet.

Dispensing

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

Storage

PACTOCem Aid CR-SS shall be stored in covered storage area where temperature does not drop below freezing.

Shelf Life

PACTOCem Aid CR-SS 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.



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