












STOFGOM is a lignin-based, environmentally friendly, cost-effective, natural blend of bio-organic materials. The product was designed and developed to suppress dust and stabilize soil on gravel roads and dust-prone areas. STOFGOM acts as a surfactant, plasticizer, and polymeric soil binder, creating a dust-free and durable road surface when applied.



Long Lasting Effects

-  Assist in maintaining optimal rolling resistance
-  Up to 50% less water used
-  Up to 90% less dust
-  Reduces Carbon footprint with up to 50%
-  Reduces the number of applications required to establish roads

Reduce operating costs

-  Minimum 18% reduction in tire wear due to friction
-  Up to 6% fuel saved due to less friction
-  Reduces need for regular road maintenance
-  Reduced OPEX



Why STOFGOM?

STOFGOM is not phototoxic, is biodegradable and environmentally friendly, and therefore can be safely applied near vegetation. The product is added to a Water Bowser at the recommended dosage and due to it being water-soluble, it is mixed with water inside the Water Bowser while driving to the area where suppression is needed. After being sprayed onto the road surface STOFGOM will form a durable cross-linked matrix. The matrix will bind fine soil particles into larger heavier particles, which would be less prone to become airborne.

Application Methodology



Prepare road surface - this includes blading the road and removing large loose material etc. to ensure a chambered surface which facilitates proper drainage of rainwater and assist in the functional design of the road surface.

Contact Us



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STOFGOM delivers a wide range of quality dust suppression products for permanent and temporary mine haulage roads or gravel roads and tailings facilities. Our road dust suppression products are all Green certified and confirm that a verified product is an eco-preferred, healthy product in accordance with verified Product Program Standards.



Mix-in treatments are utilised to produce a road which will be in use for 5 years or more

Apply the calculated volume of the dilute DCP30 solution to the area by means of multiple spray passes from the water bowser (truck). Multiple spray passes* will ensure better penetration and will prevent product run-off.



Spray on treatment can be used for haul applications or where continuous dust control is required because of high ambient dust levels until the haul road has been built. Spray on application will assist in stabilizing the base.



Once the DCP30 is thoroughly mixed into the substrate and the optimum moisture** for maximum compression density is achieved, shape the road to the desired camber

Compact with pneumatic tyred or smooth drum roller. Compaction can also be done with mine haulers while in production.



Apply the diluted DCP30 solution as a surface spray-on seal coat.



Sweep the road to remove loose materials from the road surface



Rejuvenation maintains, a dust-free environment, prolongs the lifespan of the area, preserves the wearing course of the road, and enhances the working environment.