



Dust control on road surface is done using Calcium / Magnesium Chloride or blended brines or frequent water spray. However, these treatments do not give any bonding to soil particles and get washed away during wet spell.

DUST & EROSION CONTROL WITH ZYDEX NANOTECHNOLOGY

ZycoBond, a UV and heat stable reactive bonder, is a nano Acrylic Co-polymer dispersion in water. It offers excellent dust control and erosion resistance for unpaved roads & shoulders. It also gives water resistance and strong bonding to soil particles.



DOSAGE

Time of Spray / Frequency	Dilution ratio ZycoBond : Water	Spray rate	Application Areas
First spray at the time of construction, after compaction	1 : 100	3 Liter per m ² or till saturation	Dirt roads Gravel roads Open public grounds Parking lots etc.
2nd Spray in 2nd week from construction	1 : 200		
3rd Spray in 4th week from construction	1 : 300		
Maintenance spray every quarter for first two years	1 : 300		
Maintenance spray after 2 years - need based	1 : 300		

STORAGE & SHELF LIFE

Store Zycobond between 5 to 45 °C (41 – 113 °F) in a shaded, dry area away from sunlight, heat, source of sparks, rain and standing water. Fasten the container lid securely after every use. Its shelf life is 48 months.

DISCLAIMER

Whilst the information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

Zydex® SUSTAINABILITY THROUGH INNOVATION

Zydex Industries 61, Gotri-Sevasi Road, Vadodara - 390 021. Gujarat. INDIA.

Tel : +91 265 3312000 E-mail : roads@zydexindustries.com, info@zydexindustries.com Web : www.zydexindustries.com