



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Advantages of using CRMB over Conventional Bitumen

Conventional Bitumen	Crumb Rubber Modified Bitumen (CRMB)
6 to 8 cm Topcoat Asphalt Thickness	5 to 7 cm Topcoat Asphalt Thickness
1 to 5 Years Road Lifetime	5 to 15 Years Road Lifetime
High Maintenance Cost	Extremely Low Maintenance Cost
Low Stability Under High Loads	Very High Stability Under High Loads
Extremely Low Flexibility	Extremely High Flexibility
Moderate Skid Resistance	High Skid Resistance
Low Fatigue Resistance	High Fatigue Resistance
Low Elastic Recovery Causes Asphalt Deformation	High Elastic Recovery Resists Asphalt Deformation
Moderate Resistance to High and Low Temperature	High Resistant to Extreme High and Low Temperature
Low UV Protection Causes Early Aging	High UV Protection Increases Lifetime
Moderate Car Cabin Noise Penetration	Low Car Cabin Noise Penetration(Up to 4dB)
NON ECONOMICAL	HIGHLY ECONOMICAL



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