



HINCOL CRMB

HINCOL CRMB is a special type of value added Bitumen where the properties have been improved by blending with crumb rubber and special type of additives. HINCOL CRMB with enhanced physical properties, is more resistant to temperature variations, weathering and high traffic loads. This leads to improved pavement life, reduced maintenance costs and excellent driving comfort. HINCOL CRMB is strictly manufactured as per IRC:SP:53-2002 and IS 15462:2004.

Typical Properties

Properties	HINCOL CRMB 50	HINCOL CRMB 55	HINCOL CRMB 60
1. Penetration at 25°C, 0.1 mm max	70	60	50
2. Softening Point, °C min	50	55	60
3. Elastic Recovery of half thread in Ductilometer at 15°C, % min	50	50	50
4. Flash Point, °C, min	220	220	220
5. Separation, difference in Softening Point, °C, max	4	4	4
6. Test on residue			
• Penetration of residue at 25°C, % min	60	60	60
• Increase in Softening Point, °C, max	7	6	5
• Elastic Recovery of half thread in Ductilometer at 25°C of residue, % min	35	35	35

Grades of HINCOL CRMB

HINCOL CRMB 50: Recommended for cold climatic areas

HINCOL CRMB 55: Recommended for moderate climatic areas

HINCOL CRMB 60: Recommended for hot climatic areas

Advantages

- Lower susceptibility to daily and seasonal temperature variations
- Prevents Rutting
- High skid resistance
- High resistance to deformation at elevated pavement temperature

- Better adhesion between aggregate and binder ensures longer life, strength and stability
- Better water resistance
- Better edge resistance properties

Application

HINCOL CRMB is ideal product for wearing courses on

- Heavy trafficked lane
- Slopes, roundabouts, junctions
- Industrial and multimodal platforms
- Airport runways
- Parking places
- Bridges and flyovers
- High rainfall regions

It is also recommended for SAMI (Stress Absorbing Membrane Interlayer) application.

To Ensure Best Results

Recommended temperature for application

Process	Temperature Range
1. Mixing with Aggregates	170 - 185 ^o c
2. Laying	150 - 170 ^o c
3. Compaction	Over 140 ^o c
4. End of Compaction	110 - 120 ^o c

Availability

HINCOL CRMB is available in

- Bulk
- RC Drums 200 Kg
- MS Drums 200 Kg