HINCOL PMB

HINCOL PMB is a highly specialized blend of Bitumen with high quality polymer (Elastomeric) and is manufactured under carefully controlled conditions in a "State of Art" plant. HINCOL PMB is an exceptionally versatile product with enhanced properties that makes it suitable for wearing course application under special conditions like high rainfall and high traffic. HINCOL PMB is strictly manufactured as per IRC:SP:53-2002 and IS 15462:2004.

Typical Properties

Properties	HINCOL PMB 40	HINCOL PMB 70	HINCOL PMB 120
1. Penetration at 25^{0}C, 0.1 mm	30-50	50-90	90-150
2. Softening Point, ^{0}C min	60	55	50
3. Elastic Recovery of half thread in Ductilometer at 25^{0}C, % min	75	75	75
4. Flash Point, ^{0}C, min	220	220	220
5. Separation, difference in Softening Point, ^{0}C, max	3	3	3
6. Test on residue			
• Increase in Softening Point, ^{0}C, max	5	6	7
• Reduction in Penetration at 25^{0}C, max	35	35	35
• Elastic Recovery of half thread in Ductilometer at 25^{0}C of residue, % min	50	50	50
7. Ductility at 27^{0}C, cm	+50	+60	+75
8. Viscosity at 150^{0}C, Poise	3-9	2-6	1-3

Grades of HINCOL PMB

HINCOL PMB 40: Recommended for hot climatic areas
HINCOL PMB 70: Recommended for moderate climatic areas
HINCOL PMB 120: Recommended for cold 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 PMB 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^{0}c
2. Laying	150 - 170^{0}c
3. Compaction	Over 140^{0}c
4. End of Compaction	110 - 120^{0}c

Availability

HINCOL PMB is available in Bulk