

Techno Polymer and Rubber modified binders are classified as per type of modifier as under:

	Type of Modifiers	Examples
Synthetic Polymers	Plastomeric Thermoplastics	Polyethylene (PE), Ethylene Vinyl Acetate (EVA), Ethylene ButylAcrylate (EBA) and Ethylene Ter Polymer (ETP), etc.
	Elastomeric Thermoplastics	Styrene Isoprene Styrene (SIS), Styrene-Butadiene Styrene (SBS) Block Copolymer, etc.
Synthetic Rubbers	Synthetic Rubber Latex	Styrene-Butadiene Rubber (SBR) latex and any other Suitable synthetic Rubber
Other Rubbers	Natural Rubber	Latex or Rubber Powder
	Crumb Rubber	Crumb Rubber Modifier

Easy to Use:

Techno Polymer and Rubber Modified Bitumen can be used in the construction, maintenance and renewal of roads, airfields and heliports in a manner similar to the existing hot mix process using the same manpower, tools and plant.

Selection Criteria for PMB, NRMB and CRMB based on atmospheric temperature

Maximum Atmospheric Temperature, °C				
		less than 35	35 to 45	greater than 45
Minimum Pravement Temperature, °C	< -10	PMB / NRMB - 120 CRMB - 50*	PMB / NRMB - 70 CRMB - 50	PMB / NRMB - 70 CRMB - 50
	-10 to 10	PMB / NRMB - 70 CRMB - 50	PMB / NRMB - 70 CRMB - 55	PMB / NRMB - 40 CRMB - 60
	> 10	PMB / NRMB - 70 CRMB - 55	PMB / NRMB - 70 CRMB - 55	PMB / NRMB - 40 CRMB - 60

PRODUCT SPECIFICATIONS:IRC:SP:53:2002

*Not below -15C

