



## CUTBACK BITUMEN

AVAILABLE GRADES		
Rapid-Curing (RC)	Medium-Curing (MC)	Slow-Curing (SC)
Cutback Bitumen RC-70	Cutback Bitumen MC-30	Cutback Bitumen SC-70
Cutback Bitumen RC-250	Cutback Bitumen MC-70	Cutback Bitumen SC-250
Cutback Bitumen RC-800	Cutback Bitumen MC-250	Cutback Bitumen SC-800
Cutback Bitumen RC-3000	Cutback Bitumen MC-800	Cutback Bitumen SC-3000
	Cutback Bitumen MC-3000	

For enquiries, please mail to [info@drgbitumen.com](mailto:info@drgbitumen.com)

## BENEFITS

01

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### **Fast Setting and Hardening:**

Solvents evaporate quickly, allowing rapid curing and early reopening of roads to traffic, minimizing downtime during maintenance or construction.

03

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### **Strong Adhesion:**

CRMB exhibits stronger adhesion to aggregates, thereby improving pavement durability.

05

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### **Cost-Effective:**

Enables use at lower temperatures and reduces energy consumption compared to hot bitumen applications.

07

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### **Reduced Traffic Disruption:**

Quick curing minimizes road closure times, which is critical in busy urban areas or highways.

02

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### **Improved Workability:**

Reduced viscosity at ambient temperatures facilitates easy spraying, mixing, and coating of aggregates without heating.

04

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### **Versatility:**

Suitable for prime coats, tack coats, surface dressing, patching, cold mix asphalts, and emergency repairs due to its quick curing nature.

06

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### **Good Penetration:**

Allows better penetration into granular bases and old pavements, enhancing waterproofing and bonding.

## TECHNICAL SPECIFICATIONS OF DRG BITUMEN RAPID-CURING (RC) CUTBACK BITUMEN

Sl.No.	Characteristics	DRG Bitumen RC-70	DRG Bitumen RC-250	DRG Bitumen RC-800	DRG Bitumen RC-3000	Method of Test
i)	Kinematic Viscosity at 60°C, cSt	70-140	250-500	800-1600	3000-6000	IS 1206 (Part 3)
ii)	Flash point, Pensky Martens closed type, °C, Min	26	26	26	26	IS 1209
iii)	Distillate volume percent of total distillate up to 360°C, Min					IS 1213
a)	Up to 190°C	10	-	-	-	IS 1213
b)	Up to 225°C	50	35	15	-	IS 1213
c)	Up to 260°C	70	60	45	25	IS 1213
d)	Up to 315°C	85	80	75	70	IS 1213
iv)	Residue from distillation up to 360°C, percent by volume (by difference), Min	55	65	75	80	
v)	Tests on residue from distillation up to 360°C					
a)	Viscosity at 60°C, Poises	600-2400	600-2400	600-2400	600-2400	IS 1206 (Part 3)
b)	Ductility at 27°C, cm, Min	100	100	100	100	IS 1208
c)	Matter soluble in trichloroethylene, percent by mass, Min	99	99	99	99	IS 1216
vi)	Water content, percent by mass, Max	0.2	0.2	0.2	0.2	IS 1211

## TECHNICAL SPECIFICATIONS OF DRG BITUMEN MEDIUM-CURING (MC) CUTBACK BITUMEN

Sl.No.	Characteristics	DRG Bitumen MC-30	DRG Bitumen MC-70	DRG Bitumen MC-250	DRG Bitumen MC-800	DRG Bitumen MC-3000	Method of Test
i)	Kinematic Viscosity @60°C, cSt	30-60	70-140	250-500	800-1600	3000-6000	IS 1206 (Part 3)
ii)	Flash point, Pensky Martens, closed type, °C, Min	38	38	65	65	65	IS 1209
iii)	Distillate volume percent of total distillate up to 260°C, Max	25	20	10	-	-	IS 1213
iv)	Residue from distillation up to 360°C, percent by volume (by difference), Min	50	55	67	75	80	IS 1213
v)	Tests on residue from distillation up to 360°C						
a)	Viscosity at 60°C, Poises	300-1200	300-1200	300-1200	300-1200	300-1200	IS 1206 (Part 3)
b)	Ductility at 27°C, cm, Min	100	100	100	100	100	IS 1208
c)	Solubility in trichloroethylene, percent, Min	99	99	99	99	99	IS 1216
vi)	Water content, percent by mass, Max	0.2	0.2	0.2	0.2	0.2	IS 1211

## TECHNICAL SPECIFICATIONS OF DRG BITUMEN SLOW-CURING (SC) CUTBACK BITUMEN

Sl.No.	Characteristics	DRG Bitumen SC-70	DRG Bitumen SC-250	DRG Bitumen SC-800	DRG Bitumen SC-3000	Method of Test
i)	Kinematic Viscosity @60°C, cSt	70-140	250-500	800-1600	3000-600	IS 1206 (Part 3)
ii)	Flash point, Pensky Martens, closed type, °C, Min	65	79	93	107	IS 1209
iii)	Total distillate up to 360°C, percent by volume	10-30	4-20	2-12	5 (Max)	IS 1203
iv)	Kinematic viscosity on distillation residue up to 60°C, Stokes	4-70	8-100	20-160	40-350	IS 1206 (Part 3)
v)	Tests on residue from distillation up to 360°C					
a)	Residue of 100 penetration, percent, Min	50	60	70	80	IS 1204
b)	Ductility of 100 penetration, residue at 27°C, cm, Min	100	100	100	100	IS 1208
c)	Solubility in trichloroethylene, percent, Min	99	99	99	99	IS 1216
vi)	Water content, percent by mass, Max	0.5	0.5	0.5	0.5	IS 1211