

BITUMEN GRADES



An ISO 9001:2015 Certified Company

SPECIFICATIONS OF INDUSTRIAL GRADES OF ASPHALT AND THEIR USES

GRADE	80/100	60/70	30/40	20/30	10/20	85/25	90/15	115/15	135/10	155/7
Specific Gravity @ 25/25 ° C	1.00-1.05	1.01-1.06	1.02-1.07	1.02-1.07	1.02-1.07	1.01-1.06	1.01-1.06	1.01-1.06	1.02-1.07	1.02-1.07
Softening Point (R & B) ° C	45-52	48-56	55-64	59-69	65-75	80-90	90-100	110-120	130-140	150-160
Penetration @ 25 ° C 0.1mm	80-100	80-70	30-40	20-30	20-Oct	20-30	10-20	10-20	7-12	5-10
Ductility @ 25 ° C Cm.min.	100	106	50	10	2.5	3	3	2	1	-
Loss on Heating % wt.max.	0.5	0.2	0.2	0.2	0.1	0.20	0.20	0.20	0.20	0.20
Drop in Penetration after Heating % max	20	20	20	20	20	-	-	-	-	-
Flash Point Cleveland Open Cub ° C min.	225	250	250	250	250	200	200	200	200	200
Solubility in CS ₂ % wt.max.	99	99	99	99	99	99	99	99	99	99

INDUSTRIAL USES OF DIFFERENT GRADES

	Saturant	80/100	60/70	30/40	20/30	10/20	85/25	90/15	115/15	135/10	155/7
Roofing Felt Manufacture	★										
	Coating						★	★	★		
Bituminous Papers (Duplex Type)					★	★	★	★			
Paints, Varnishes & Japans					★			★			
Cold Storage & Refrigeration							★		★	★	
Printing Inks									★		
Electrical Cable Junction Boxes					★	★	★		★		
Electrical Cable Manufacture	★	★	★				★				
Battery Containers										★	★
Battery Sealing Compound							★				
Rubber Industry										★	★
Pipe Coating							★		★		
Joint Filling Compound	★		★	★			★				
Mastic for Flooring & Roofing				★	★						
Damp Proof Course			★	★			★				
Coal Briquetting	★	★	★								

Total Solutions For Waterproofing With Bituminous Membranes

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