

**Product Name:****Specification of Bitumen K170 (Cutback Bitumen - Medium Curing)**

Property	Typical Value	Test Method	Property
Kinematic Viscosity @ 60°C	170 – 250 cSt	ASTM D2170	Kinematic Viscosity @ 60°C
Flash Point (Tag Closed Cup)	Min 38°C	ASTM D3143	Flash Point (Tag Closed Cup)
Distillation Test Residue	Min 55%	ASTM D402	Distillation Test Residue
Penetration @ 25°C	100 – 250 dmm	ASTM D5	Penetration @ 25°C
Ductility @ 25°C	Min 100 cm	ASTM D113	Ductility @ 25°C
Solubility in Trichloroethylene	Min 99.0%	ASTM D2042	Solubility in Trichloroethylene

Specification of Bitumen K160

Property	Typical Value	Test Method	Property
Kinematic Viscosity @ 60°C	160 – 240 cSt	ASTM D2170	Kinematic Viscosity @ 60°C
Flash Point	Min 38°C	ASTM D3143	Flash Point
Distillation Test Residue	Min 55%	ASTM D402	Distillation Test Residue
Penetration of Residue	100 – 250 dmm	ASTM D5	Penetration of Residue

Specification of Bitumen K140

Property	Typical Value	Test Method	Property
Kinematic Viscosity @ 60°C	140 – 210 cSt	ASTM D2170	Kinematic Viscosity @ 60°C
Flash Point	Min 38°C	ASTM D3143	Flash Point
Distillation Test Residue	Min 55%	ASTM D402	Distillation Test Residue
Penetration of Residue	100 – 250 dmm	ASTM D5	Penetration of Residue



Specification of Bitumen K3 (Cutback Prime)

Property	Typical Value	Test Method	Property
Kinematic Viscosity @ 60°C	3 – 6 cSt	ASTM D2170	Kinematic Viscosity @ 60°C
Flash Point (Closed Cup)	Min 38°C	ASTM D3143	Flash Point (Closed Cup)
Distillation Test Residue	40 – 55%	ASTM D402	Distillation Test Residue
Water Content	Nil	ASTM D95	Water Content

Specification of Bitumen CSS (Cationic Slow Setting Emulsion)

Property	Typical Value	Test Method	Property
Residue by Distillation	Min 57%	ASTM D244	Residue by Distillation
Viscosity @ 50°C	20 – 100 s (SFS)	ASTM D244	Viscosity @ 50°C
Storage Stability (24 hrs)	Max 1%	ASTM D244	Storage Stability (24 hrs)
Particle Charge	Positive	ASTM D244	Particle Charge
pH Value	2.0 – 5.0	ASTM E70	pH Value

Specification of Bitumen K2 (Cutback Bitumen - Rapid Curing)

Property	Typical Value	Test Method	Property
Kinematic Viscosity @ 60°C	2 – 4 cSt	ASTM D2170	Kinematic Viscosity @ 60°C
Flash Point	Min 30°C	ASTM D3143	Flash Point
Distillation Test Residue	40 – 60%	ASTM D402	Distillation Test Residue
Penetration of Residue	100 – 250 dmm	ASTM D5	Penetration of Residue