

# RC ( Rapid Curing )

Rapid Curing liquid bitumen, which is identified by the abbreviation RC, is a liquid cutback bitumen produced with the help of light solvents such as naphtha. After application, the solvent of this type of bitumen evaporates quickly and in a short time, leaving pure bitumen that has the same properties as the original bitumen

CUTBACK SPECIFICATION	TEST METHOD	UNIT	RC-70	RC-250	RC-800	RC-3000
Kinematic viscosity @ 60 C° ( 140 °F )	ASTM D-2170	cSt	70/140	250/500	800/1600	3000/6000
Flash point ( Tag open-cup ) , min	ASTM D-92	°C ( °F )	-	27 (80)	27 (80)	27 (80)
Rrsidue from distillation to 360° , min	ASTM D-402	%vol	55	65	75	80
<b>DISTILLATE TEST</b>	Distillate , volume percent of total distillate to 365 °C (437 °F )					
To 190 °C ( 374 °F ) min/max	ASTM D-402		10/...	.../...	.../...	.../...
To 225 °C ( 437 °F ) min/max	ASTM D-402		50/...	35/...	15/...	.../...
To 260 °C ( 500 °F ) min/max	ASTM D-402		70/...	60/...	45/...	25/...
To 316 °C ( 600 °F ) min/max	ASTM D-402		85/...	80/...	75/...	70/...
<b>TEST ON RESIDUE FROM DISTILLATION</b>						
Penetration @ 25 °C min/max	ASTM D-5	0.1 mm	60/240	60/240	60/240	60/240
Ductility @ 25 °C ( 77 °F ) min	ASTM D-113	cm	100	100	100	100
Solubility in Trichloroethylene , min	ASTM D-2042	%wt	99	99	99	99
Water , max	ASTM D-95	%vol	0.2	0.2	0.2	0.2