



Bitumen Enamel Grade A,B and C Specification

| Test Title | Requirement | | | Test Method |
|-----------------------------------|-------------|----------|----------|------------------|
| | Grade A | Grade B | Grade C | |
| Grade A | Grade A | Grade B | Grade C | |
| Filler Content, by Ignition | 25-35 | 25-35 | 45-55 | BS 4147:App. B |
| Density @ 25°C, g/cm ³ | 1.2-1.4 | 1.2-1.4 | 1.4-1.65 | BS 4147 |
| Softening Point (ring & ball) | 100-120 | 115-130 | 120-150 | BS 2000 Part 58 |
| Penetration@25°C,10-1mm | 10-20 | 5-17 | 5-15 | BS 2000: Part 49 |
| Flash Point (Cleveland Open Cup) | 250 | 260 | 260 | BS 4689 |
| Sa g, Max, Min @60°C, 24h | Max. 1.5 | Max. 1.5 | Max. 1.5 | BS 4147: App. E |
| @75°C, 24h | - | - | - | - |
| Bend @ 0°C, | Min 20 | Min 15 | Min 10 | BS 4147:App. F |
| Peel Initial& Delayed, Max; mm | - | - | - | BS 4147: |
| @30°C | 3.0 | 3.0 | - | - |
| @40°C | 3.0 | 3.0 | 3.0 | - |
| @50°C | 3.0 | 3.0 | 3.0 | - |
| @60°C | 3.0 | 3.0 | 3.0 | - |
| Impact, Disbanded | - | - | - | BS 4147: App. G |