

Compatibility Matrix for Loading of Bitumen UN 3257 (Class 9, III)

The tank must be free of water before loading with hot bitumen!

previous load to be loaded	Bitumen			Bitumen Soft Grades Pen ≥ 330	Polymer Modified Bitumen 1)	Rubber Modified Bitumen	Pen Grade Bitumen for Special Applications 2)	Oxidised Bitumen	Hard Industrial Grade Bitumen	Other Products 3)
	10/20 to 40/60	50/70 to 100/150	160/220 to 250/330							
Bitumen										
10/20 to 40/60	✓	✓	✓	✓	✓	✗	✓	✓	✓	SC
50/70 to 100/150	✓	✓	✓	✓	✓	✗	✓	✓	✓	SC
160/220 - 250/330	✓	✓	✓	✓	✓	✗	✓	✓	✓	SC
Bitumen Soft Grades Penetration ≥ 330	✓	✓	✓	✓	✓	✗	✓	✗	✗	SC
Polymer Modified Bitumen 1)	✓	✓	✓	✓	✓	✗	✓	✗	✗	SC
Rubber Modified Bitumen	✓	✓	✓	✗	✓	✗	✓	✗	✗	SC
Pen Grade Bitumen for special applications 2)	✗	✓	✓	✓	1)	✗	✓	✗	✗	SC
Oxidised Bitumen	✓	✓	✓	✗	1)	✗	✓	✓	1)	SC
Hard Industrial Grade Bitumen	✓	1)	1)	✗	1)	✗	✓	✓	✓	SC
Other Products	Taking into account that remaining quantities of bitumen and the inside of the tank may be hot!									

- 1) Taking into account the instructions of the producers and, if necessary, also making contact with the producers.
- 2) Pen Grade Bitumens for special applications include bitumens used for manufacturing other products, e.g., emulsions, roofing products,
- 3) Examples:
 - Products classified as R 45 (coal tar,...)
 - Hydrated products (emulsions, ...)
 - Products with a flashpoint below 150 °C (flux oil, fluxed bitumen, heavy fuel oil, ...)

✓	Residual product on the vehicle must be emptied and the draw off pipe must be cleaned. Limited residual product, e.g. on the walls, can be regarded as harmless. 1 to 2 m% can be given as advice.
	The vehicle must be inspected and cleaned if necessary taking into account the instructions of the producers, or flushed with an allowed product first
SC	Complete or Specialist Cleaning is obligatory.