

Pro-Forma Technical Data Sheet

Bituminous Emulsion

(the Technical Data Sheet for Bituminous Emulsion shall contain the following information as a minimum requirement. The disclosure of other information in the technical data sheet is at the discretion of the individual organisations concerned. This technical data sheet does not constitute a specification, but is simply a declaration of properties of the product)

Company Name: (e.g. Black Gold Bitumen Co.)

Designated Emulsion Name: (CRS-2, Cat-60, PME-123 etc.)

Binder Type: (180/200, PMB-123 etc.)

Diluent Type (if any): (kerosene, AGO, etc.)

Diluent Content (if any): (pph residual binder basis)

Report Emulsion Properties using Table 1 or Table 2 as appropriate

Table 1: For emulsion grades that can usually be stored for more than one week (e.g. slurry emulsion, Cat-60)

Test	Parameters	Method	Typical Value	Range of Expected Values
Residue from Evaporation		AS 2341.23		
Sieve Residue	150 µm	AS 2341.26		
Viscosity	(Spindle 1, 50 rpm, 25°C)	ASTM D2196		
Settlement	(3-Days, 23°C)	AS 2341.27		
Properties of Residual Binder		TNZ T/14		
Penetration	(100g, 5s, 25°C)	ASTM D5		
Softening Point		ASTM D36		
Torsional Recovery*	(30s, 25°C)	AG:PT/T122		

* Report the Torsional Recovery for polymer modified emulsions only.

Table 2: For emulsion grades that cannot usually be stored for more than one week (e.g. chipsealing emulsions)

Test	Parameters	Method	Typical Value	Range of Expected Values
Residue from Evaporation		AS 2341.23		
Sieve Residue	710 µm	AS 2341.26		
Viscosity	(Spindle SC4-21, 50 rpm, 85°C)	ASTM D4402		
Properties of Residual Binder		TNZ T/14		
Penetration	(100g, 5s, 25°C)	ASTM D5		
Softening Point		ASTM D36		
Torsional Recovery*	(30s, 25°C)	AG:PT/T122		

* Report the Torsional Recovery for polymer modified emulsions only.