

Hendre

SHW Series 800 ,Road Pavements Unbound , Cement and other Hydraulically Bound Materials

Clause 805 , Type 3 Unbound Mixture

Conformity Requirements, Table 8/2

	Requirements	Declared Value
Crushed or broken and totally rounded particles	C 90/3	C 90/3
Resistance to Fragmentation , Los Angeles Test	LA 30	LA 30
Resistance to Wear , micro-Deval test	MDE NR	MDE 25
Resistance to Freezing and thawing - Magnesium Sulphate Soundness	MS 35	MS 18
Water Absorption	WA24 NR	WA24 1
Plasticity Index	Non-Plastic	Non-Plastic
Frost Heave	Less than 15	6.3
Optimum Moisture Content		4.2
Maximum Dry Density		2.1

Grading Requirements , Table 8/7

Sieve	Supplier Declared Target	SHW Specified Range	Supplier Declared Range
80mm	100	100	
40mm	98	80 - 99	
20mm	62	50 - 78	
10mm	38	31 - 60	31 - 46
4mm	25	18 - 46	18 - 31
2mm	16	10 - 35	10 - 24
1mm	9	6 - 26	6 - 16
0.5mm	5	0 - 20	0 - 10
0.063mm	3.0	0 - 5	0 - 5
Passing 20mm Retained 10mm	24	10 - 25	
Passing 10mm Retained 4mm	13	10 - 25	
Passing 4mm Retained 2mm	9	7 - 20	
Passing 2mm Retained 1mm	7	4 - 15	

Chemical test data (CI 801)

		SHW 801.2	SHW 801.3	Value
Water Soluble Sulphate	mg/L SO4	<= 1500	<= 300	<50
Total Sulphur	% SO4	< 1%	< 1%	0.1
Either Sulphide Content	% SO4	< 0.5%	<0.06%	0.01
Rock Type		801.2.B (ii)	801.2.D (ii)	Limestone

Issued By :

Christopher Abbott

Technical Systems Manager

Date of Issue :

24 January 2022