



Prime or Primer Seal (including 3 Phase PME Primer Seal)
 Delay dependant upon trafficable status before final surfacing layer.
 Recommended –
 AMCO0 (3 days); AMC4 (3–6 months); 3 Phase PME primer seal – (1 day). Refer to specification table below.

Stabilised pavement 100% standard

Where a single subbase layer is nominated, QDMR Type 2.3 material shall be utilised.

COMPACTION STANDARDS

AC SURFACINGS (DTMR SPECIFICATION)	
ROAD CATEGORY	SURFACING REQUIREMENTS
Local Street	DTMR DG10 (min 35mm)
Major Street	DTMR DG14 (min 50mm)
Major Roads	DTMR DG14 (min 50mm)
AC SURFACINGS (BCC SPECIFICATION)	
ROAD CATEGORY	DTMR SPECIFICATION
Local Street	BCC TYPE 2 (min 30mm)
Major Street	BCC TYPE 3 (min 50mm)
Major Roads	BCC TYPE 3 (min 50mm)

Note: AC Binder type to be Multigrade – Compaction CV > 92% (< 8% voids)

BITUMEN SPRAY SEAL SURFACINGS	
ROAD CATEGORY	SURFACING REQUIREMENTS
All Rural Streets and Major Roads	2 Coat Polymer Spray Seal(14mm/10mm)

DEFINITIONS

Local Street – Access Place, Access Street and Rear Lanes
 Major Streets – Minor Collectors, Industrial Access, Main Streets, Bus Collectors and Trunk Collectors
 Major Roads – Industrial Collector, Sub-Arterial and Arterial Roads

PAVEMENT CONSTRUCTION TOLERANCES	
VERTICAL	
Asphaltic pavement	Rural – Vertical +10mm –0mm Abutting Gutters – Vertical +5mm –0mm
Base Course	Vertical +15mm –0mm
Sub Base Course	Vertical ±15mm
Sub Grade	(In Earth and Fill) ±25mm (In Rock) +25mm –75mm
HORIZONTAL	
Any point on the surface	Horizontal ±50mm
Pavement edge not adjoining other pavement or structures	Horizontal +250mm –50mm

RELEVANT SPECIFICATIONS	
Polymer Spray Seals	MRTS 18 Polymer Modified Binders, MRTS 11 Sprayed Bituminous Surfacing (excluding Emulsions)
Primes and Primer Seals	MRTS 11 Sprayed Bituminous Surfacing (excluding Emulsions), MRTS 12 Sprayed Bituminous Emulsion Surfacing
3 Phase PME Primer Seal	Manufacturers Specification
Unbound Gravel Pavement	MRTS 05 Unbound Pavements
A.C. Surfacing	DTMR – MRTS 30 Asphalt Pavements BCC – BCC S310 (Supply of dense graded Asphalt) BCC – BCC S320 (Laying of Asphalt)

NOTES

- All works shall be constructed in accordance with Dept. Transport and Main Roads Specifications for Roadworks. Asphalt works to be constructed in accordance with either DTMR Specification MRTS 30 or BCC Specifications BCC S310 and BCC S320.
- Degree of saturation of Base Course prior to surfacing < 65%.

REVISIONS		INIT	DATE	SCALES		Drawn	Date
E						Team Leader	Date
D						Coordinator	Date
C						AUTHORISED	
B	Review	R.H.	02/16			Manager Engineering RPEQ	
A	Ref. DTMR Asphalt Specification	P.P.	11/15				
COUNCIL APPROVED MINUTE PAGE							

ROAD CONSTRUCTION STANDARDS PAVEMENT AND SURFACING



DRG No. **MBRC -1107**

ORIGINAL SIZE **A3** REVISION **B**