



Prime or Primer Seal (including 3 Phase PME Primer Seal)
 Delay dependant upon trafficable status before final surfacing layer.
 Recommended-
 AMC00 (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	AC10M (min 35mm)
Major Street	AC14M (min 50mm)
Major Roads	AC14M (min 50mm)

BITUMEN SPRAY SEAL SURFACINGS

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

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

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

NOTES:

- All works shall be constructed in accordance with Department of Transport and Main Roads (DTMR) specifications for roadworks and asphalt.
- Degree of saturation of Base Course prior to surfacing < 65%.

REVISIONS		INIT	DATE	SCALES	Drawn	RH	Date	07/16
E					Coordinator	PP	Date	07/16
D					AUTHORISED			
C					SYD JERRAM 07/07/16			
B					Manager Integrated Transport Planning & Design RPEQ 6872			
A	AC Surfacing Note amended	RH	05/17					
X	ORIGINAL ISSUE	RH	07/16					

**ROAD CONSTRUCTION STANDARDS
PAVEMENT AND SURFACING**



DRG No. **RW-4030**

ORIGINAL SIZE **A3**

REVISION **A**