**R20 PAVEMENT WORK: MAJOR WORKS**

*(Example for major works)*

PAVEMENT TYPE A

Pavement Type A (as shown on the attached table) must be constructed on ........................................... as shown on the Drawings.

PAVEMENT TYPE B

Pavement Type B (as shown on the attached table) must be constructed on ........................................... as shown on the Drawings.

*Continue for each Pavement type.*

***NOTE TO SPECIFIERS:***

*Use the above list when detail not shown adequately on Drawings.*

*Pavement details to show SAMI as 8 mm thick layer,*

*Add cement/lime etc content for stabilised pavement layers.*

*Nominate the pavement type which will be used for drainage backfill,*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Design Level of Upper Surface of Courses in Relation to Finished Design Levels****(mm)**00 | **Level Tolerance****(mm)**+5, -0 (k&g) | **Nominal Compacted Thickness** | **Layer** | **Material** | **Application Rates****and****Additional Requirements**  |
| *-40* | *±5 elsewhere**+5, -10*  | *40mm* | *Wearing Course (1)* | *AC10M (3) A10E* |  |
| *-95* | *±10* | *55mm* | *Levelling Course (1)* | *AC14M C320* |  |
| *-175* | *±15* | *80mm* | *Base Course (1)* | *AC20M C320* |  |
| *-180* | *±15* | *5mm* | *SAMI* | *10mm S25E (2)* | *Aggregate: SA10-7, Spread rate 120m2/m3, Precoat: IDF++ @ 4 L/m3**Binder: S25E @ 1.9 l/m2, Adhesion add: 1 part.* |
| *Prime* | *Very Light Prime (2)* | *100:0:140 (C170:flux:Kero) @ 1.2 L/m2* |
| *-495* | *+0, -40* | *315mm* | *Subbase* | *SPM2/20QGC4 (4)* | *96% Modified Compaction**Placed in two layers & same day* |
|  |  |  | Subgrade  |  |  |

**KEY TO ABBREVIATIONS**

(k&g) Kerb and gutter locations only.

L/m2 Litres per square metre.

IDF++ 100parts IDF, 30 parts C170, 1.5 parts approved adhesion additive

Notes: (1) Tack Coat (CRS60 @ 0.2 L/m2) to be applied in accordance with Part 228 or as directed by the Superintendent.

 (2) Spray rates are nominal values only and may vary due to stone ALD, surface texture, weather conditions, etc. Rates are to be verified by the Superintendent prior to application.

 (3) “H” - Heavy duty mix to be used for 50m approach to intersections (Refer Pavement Plans for locations).

 (4) Recycled crushed concrete with 4.5% cement, i.e. SPM1/20RG, C4.5 may be used as an alternative

**PAVEMENT TYPE A**