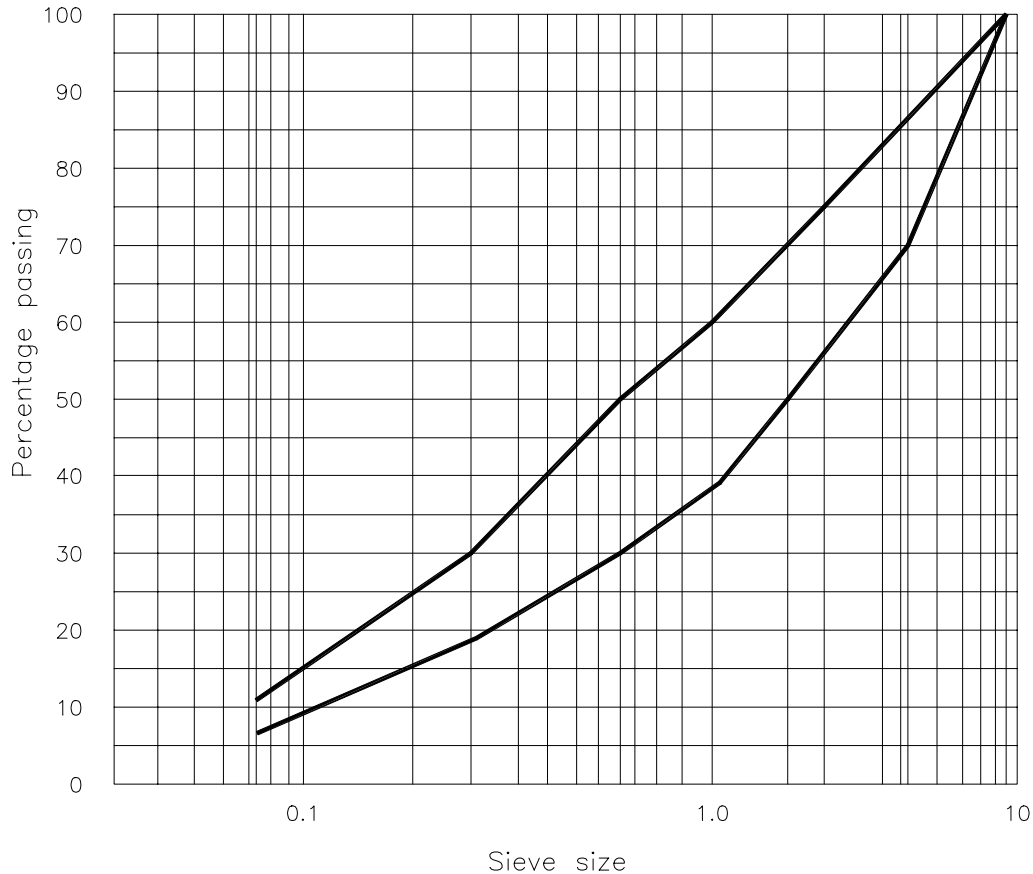


## GRADING ENVELOPE



BITUMEN CONTENT 6.5 – 8.0% Mass of total mix.

AIR VOIDS 3.0 – 4.0% when standard test specimen given 75 blows each side with the Marshall Compaction Hammer at 135°C.

- PRIME COAT
1. Bitumen cut back – curing to be 3 weeks minimum between application and paving.
  2. Bitumen emulsion – no curing period is required between application and paving.
  3. Applied to provide not less than 0.7 litres/m<sup>2</sup> of residual bitumen.

Primer may be either bitumen emulsion or 80/100 bitumen with 40% cut back.

APPLICATION For use as wearing course on all roads, turning areas and carparks. Minimum application thickness 25mm.

### Note:

1. Material and manufacture shall comply with current NRB (Transit NZ) specification M10 and shall be nominal 10mm stone wearing course mix (as set out in NRB M10)

**MANARC**

MANUKAU CITY APPROVED  
REQUIREMENT

DETAIL:

**MIX 10  
ASPHALTIC CONCRETE**

UPDATED:

**SEPT 1998**

DETAIL No:

**MR-11**

**MANUKAU CITY COUNCIL**