

# The influence of design parameters

- THE BITUMEN  
A high bitumen content extends the service life of the product. The characteristics of the mix improve the harder the bitumen.
- THE FILLER  
The role of the filler is to fill the voids and increase the density.
- THE AGGREGATE  
The density and the stability of the mix improve with the grading. Semi-course mixes are more compactable than course mixes. More angular aggregate produces mixes with better mechanical stability.
- DENSITY  
Good density is essential in order for a mix to have good mechanical performance.