

# **New Zealand Control Stone for PSV Measurements**

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British standard BS EN 1097-8:2009 (the PSV test), is used in New Zealand to assess the friction properties of aggregates used in chip seal road surfacings. The test procedure requires a “control stone” aggregate to provide benchmark values used to calibrate the PSV test instrument. The currently used control stone is sourced from a specific quarry in the UK. Recent changes to the control stone source in the UK and the expense and occasional difficulties experienced in obtaining the UK material has led to the selection of a local (NZ) aggregate source as a possible substitute. This paper describes the testing process, involving laboratories in New Zealand and Australia that was undertaken to assess the consistency and suitability of aggregate from Miners Road quarry in Christchurch as a new control stone.