

DEPARTMENT OF PUBLIC WORKS

NO. 1200

03 NOVEMBER 2017

AGRÉMENT SOUTH AFRICA
(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 28 September 2016, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Interim Agrément Certificate 2016/515

Subject: Polo-Pave Thin Bituminous Road Surfacing System

Certificate holder: Polokwane Surfacing (Pty) Ltd

Description: Polo-Pave is a thin bituminous road surfacing system generally laid to a nominal compacted thickness ranging from 18 - 25 mm. Principally it consists of a blend of bituminous binder, graded crushed stone (aggregates) of nominal size of 14 mm or 10 mm, and filler. The product is a porous asphalt wearing course with a void content in excess of 18 per cent. The voids are interconnected, providing a means of conveying rain water to the pavement boundaries.

Polo-Pave was originally manufactured by Hillary Construction (Pty) Ltd., and has since been taken over by Polokwane Surfacing (Pty) Ltd. (part of the Hillary group of companies). Although the product is still original, the processes in manufacturing and installing have improved over time. Polo-Pave is recommended to be used in areas where water tends to accumulate or where a water hazard could reduce traffic capacity or impair traffic safety. Typical areas are at changes in super-elevation, busy motorways, or wide pavements (highways, runways).

The mix design, manufacturing and application of the product is to be strictly controlled. The mix proportions may vary slightly from area to area, depending on the aggregate available in the area. Bitumen binder to be used (penetration-grade bitumen or modified binder) is determined in the design process based on site-specific conditions. Polo-Pave manufactured in a hot mix plant, and applied by a self-priming paver or conventional paver, over an impermeable tack coat.

The Agrément certificate contains detailed information on the product and can be accessed at <http://www.agrement.co.za>

Copies are obtainable from: Chief Executive Officer (CEO)
Agrément South Africa, P O Box 395, **PRETORIA**, 0001