

TCM Chemicals Pty Ltd A.C.N 113 644 429

A.B.N. 11 113 644 429

Trading as



# COLOUR

35 Merri Concourse, Campbellfield, Vic 3061

Phone (03) 9357 8582 [www.tcmcolour.com.au](http://www.tcmcolour.com.au)

## TECHNICAL INFORMATION

### Exact Colour Requirements

Where an exact colour is essential, TCM Colour recommend that Concrete Test Panels be completed using the intended raw materials and finishing techniques then inspected after the sample has cured for a minimum of 14 days, TCM Colour has made every effort to produce the best examples of coloured concrete using TCM Colour pigments in our brochure. Whilst we guarantee the quality of our product, TCM Colour cannot guarantee the colour of final product due to the many variable factors that can influence colour, e.g. finishing procedures, moisture content, raw materials etc. that are beyond the control of TCM Colour

### Drying of concrete

When coloured concrete is placed, the high moisture content of the concrete causes the colour to be much darker or intense than when it is dry. Over the first seven days the initial colour reduces in intensity, however, when the moisture has finally evaporated from the concrete the colour remains consistent, this can take up to six weeks dependant on weather conditions.

### Abrasion of the surface layer

When coloured concrete is placed, the trowelling technique tends to draw a pigment and cement-rich slurry to the surface. This slurry is usually only a millimetre thick and is slightly weaker than the main part of the concrete slab. As this top slurry coat is eroded with abrasion, the true, but slightly less intensely coloured part of the slab is exposed.

This phenomenon is usually only noticeable where a steel trowel finish is used. It does not occur where an exposed, honed, acid etched or stipple finish is used, as there is no 'artificial' surface layer remaining after completion of finishing.

If you have any further concerns regarding your colour please do not hesitate to contact our office

*Colours of the Australian Environment*