

Hay St Mall Perth, Western Australia

Surface: Granite
Product/s: STAIN-PROOF™,
ENHANCE-PLUS™



The Project

Rejuvenating and protecting the paving of a major Australian pedestrian mall, in line with Perth Council's stringent public safety, maintenance, aesthetic and quality specifications.

Hay Street Mall is a high-traffic pedestrian mall in the heart of Perth's central shopping district, supporting a mixture of retail shopping and eateries with alfresco dining. To enhance the mall's natural charm, Perth Council invested in granite paving with a grey-green colouring. For public safety, the granite was flamed to increase slip resistance, which unfortunately discoloured the stone, leaving it with a dull grey appearance.

Special Requirements

Sealing the granite was always considered a necessity to protect the considerable investment. Perth Council also wanted to use a sealer which would revitalize the natural colour and appearance of the discoloured stone.

A number of additional requirements were specified in the tendering process:

- A minimum 10 year performance warranty.
- For public safety, the sealer could not alter the slip performance of the surface.
- Application of the sealer must not disrupt everyday use and business activity in the mall.
- The surface must be able to be cleaned and maintained without using special products or methods. In particular, the Council wished to avoid further maintenance expenses by continuing to use their existing cleaning methods – alternate light scrubbing and pressure washing.

The DRY-TREAT solution

The winning DRY-TREAT tender proposed a single coat of ENHANCE-PLUS™ to rejuvenate the discoloured granite and 2 further coats of STAIN-PROOF™ to protect the surface, with a 15 year performance warranty. Perth Council is impressed with the results and is recommending DRY-TREAT for a number of similar projects.



Warranty and Costs: DRY-TREAT STAIN-PROOF™ gave Perth Council proven long term protection with an exceptional 15 year warranty.

The DRY-TREAT solution also offered long term savings in maintenance costs. Perth Council are able to continue cleaning the surface with alternate light scrubbing and pressure washing, with no need for special equipment or chemical cleaners.

Aesthetic requirements: Initial treatment with ENHANCE-PLUS™ successfully restored the natural beauty of the granite, enhancing its detail.

Public Safety: Official test results show that stone treated with ENHANCE-PLUS™ retains its slip resistance, and in some cases treatment even improves slip performance to a small degree. On concrete ENHANCE-PLUS™ carries an official Class W classification: "Low risk of slipping when surface is wet" (AS/NZS.4586).

Timing: Sealing was accomplished over a 5 day period in November 2005, with all cleaning and sealing executed between 9pm and 6am each day, so regular access and business was not affected.