



SIKA AT WORK

FEDERAL STREET UPGRADE

TILING: SikaCeram System

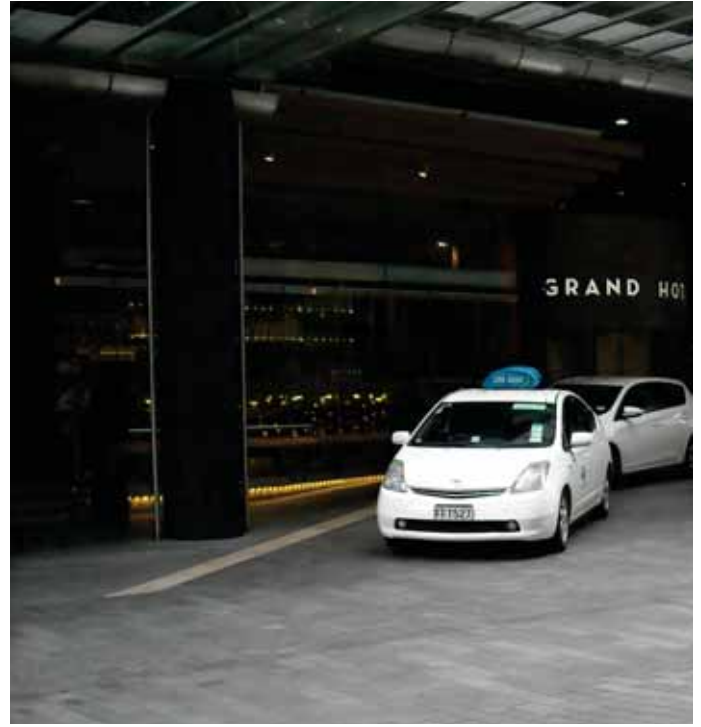
BUILDING TRUST



FEDERAL STREET UPGRADE



Direct tile bonding to Carpark Deck System broadcast to excess



PROJECT DESCRIPTION

Federal Street is in the heart of the city centre and is an entertainment hub that attracts city centre workers as well as domestic and international visitors, particularly with the presence of the iconic Sky Tower.

The Federal Street upgrade is part of a wider programme of upgrades that will create a shared space pedestrian friendly destination where people can shop, relax, drive and spend time.

Around 5,500 people use this stretch of street daily but the environment was not pedestrian friendly with narrow footpaths, no public seating and a limited number of places to eat, drink and shop. Federal Street was often used as a short-cut by cars and buses and also acts as a long-term parking area for coaches. The plaza area around the Sky Tower was cluttered and featured several barriers that blocked views and discouraged public access and enjoyment of the space.

PROJECT REQUIREMENT / CHALLENGE

- To remove existing road surface, footpath pavers and to install new paving and waterproofing membrane, to protect under ground parking and retail space from water damage.
- Pre-existing threshold restrictions had to be taken into consideration.
- A high performance adhesive with thickness flexibility was required to successfully bond the 40mm basalt direct onto the Sika Carpark Deck System broadcast to excess.

SIKA SOLUTION

SikaCeram Tiling System

SIKA PRODUCTS

SikaCeram-255 Starflex was used because it is able to be placed in thickness from 15mm to 3mm, allowing the ability to create extra fall, which was key to the height restrictions due to thresholds.

PROJECT PARTICIPANTS

Engineer: Jawa Structures

Architect: Boffa Miskell

Main Contractor: John Fillmore Contracting

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