FIRMSTONE
FLOORING SPECIALISTS

CASE STUDY



CAR PARK: TRAFFICABLE MEMBRANE

BANKSTOWN CENTRAL

BRIEF

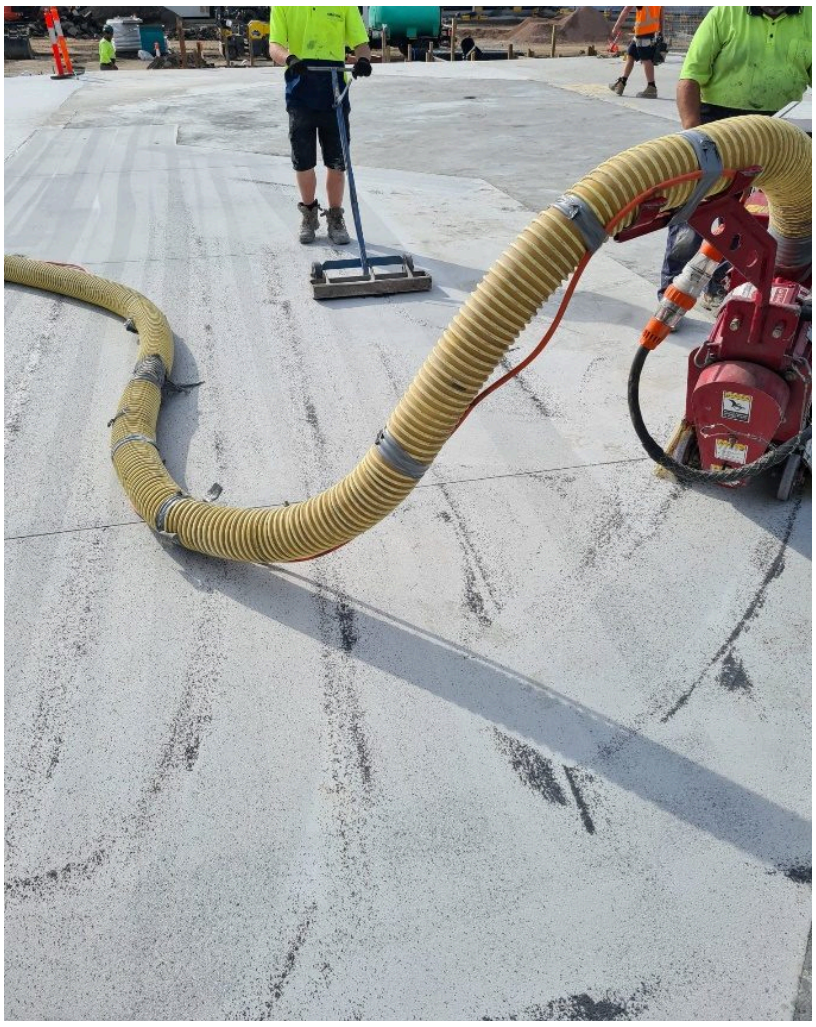
- Provide waterproof membrane to protect offices below.
- Finish to be compliant with heavy vehicular movement.
- Levelling out and provide transitions between levels.

WHY FIRMSTONE

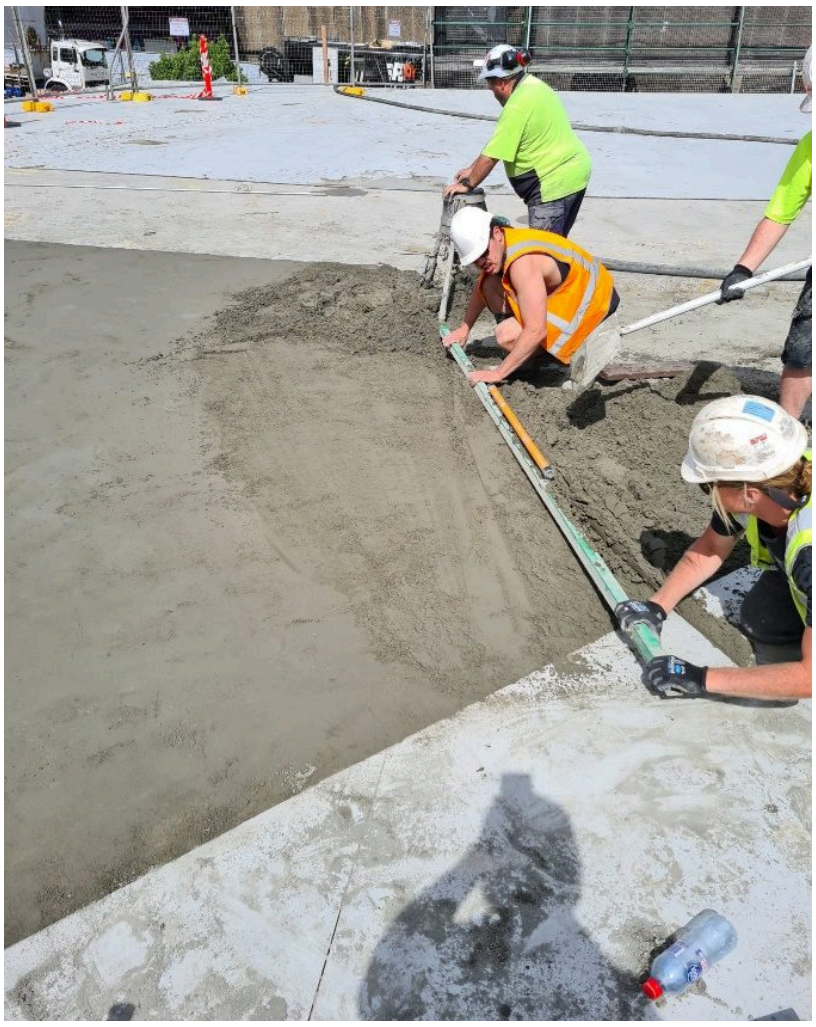
Firmstone are specialists in quick cure trafficable membranes.

PROCESS

1. Vacuum grind and shot blast to remove contaminants and loose concrete.
2. Large depressions/infills filled with engineered screeds.
3. Creation of ramps between levels with epoxy mortar.
4. Repair cracks and other damage.
5. Apply 4mm, 6 layer chemical resistant MMA elastomeric membrane.
6. Reinstate polyurethane jointing.



SHOTBLASTING



ENGINEERED SCREED FOR INFILLS

CONTINUED



EPOXY MORTAR RAMP



ENGINEERED REPAIR MORTAR



PRIME COAT OF MMA DECKSHIELD AFTER FLOOR PREPARATION



ELASTOMERIC MEMBRANE: 400% ELONGATION, 2 X APPLICATIONS.

CONTINUED



WEARING COAT AT 1MM WITH SLIP REDUCING AGGREGATE/BAUXITE.



FINAL 2 X COATS OF PIGMENTED TRAFFICABLE MMA DECKSHIELD