



# PROJECT SNAPSHOT

TOXFREE REMOVES OVER 250 TONNE OF STONE FROM THE ROOF TOP OF NORTHLAND SHOPPING CENTRE

## The issue

Caelli Joint Sealing & Water Proofing were engaged by Northland Shopping Centre to re-seal and water proof a section of the roof. In order to do this, Toxfree were utilised to vacuum the pebble stone from the top of the roof to expose the existing membrane that needed to be re-sealed. The size of the roof area was 12,000m<sup>2</sup> with approximately 250-300 tonne of pebble required to be vacuumed off the roof and disposed of off site.

## The solution

Toxfree used a 5 man crew and 2 heavy vac units. It was not a straightforward vacuum job as the operators had to negotiate around refrigeration units, cable trays, air conditioning ducts and pipe work. A variety of different tools were used in conjunction with vacuum to remove all loose materials.

The heavy vacs were placed in the loading dock and over 200m of hose was run out in order to reach the roof.

## The outcome

The project took 25 days to complete and came in under the allowed time. 250 tonne of stone was removed, approximately 8 tonne per day. Both the client and the shopping centre were happy with the achieved result.

