

# Factsheet



## Concrete Cancer

### What is Concrete Cancer?

Concrete Cancer (or Spalling as it is otherwise known) is the deterioration of steel reinforced concrete. It involves the embedded steel becoming corroded, increasing pressure on the surrounding concrete and causing cracks, thereby increasing exposure to corrosive elements. It is commonly identified by cracks, concrete “flaking away” and the appearance of red stains.

### Why is it an Issue?

It is important to detect and treat concrete cancer as early as possible or further deterioration will lead to increasingly difficult and costly methods to rectify the problem. Failure to address the problem will allow the concrete to eventually fail and thus causing structural failure or collapse. This eventually imposes a substantial risk to building occupants and owners. Some photos below are some typical examples of Concrete Cancer.



### Who are SPMA?

SPMA are a company of professional consultants who offer our services in client side project management across the construction industry and related fields. SPMA have a long history of successfully delivering our clients projects with a high level of professionalism and technical expertise.

SPMA specialise in the management of complex projects involving remedial works, alterations and additions and works involving large strata schemes. SPMA also have extensive experience in the management of the defect and litigation process on behalf of our clients.

Our services include:

- Project Management
- Remedial Works
- Tender Review
- Feasibility Studies
- Site Inspection & Reporting
- Contract Advice / Admin
- Civil Works
- Litigation
- Diagnostic Investigations
- Defect Reporting
- Fitout Management

If you have a project, you think we can help with call us on (02) 9319 6366





## How do you fix it?

Fixing concrete cancer is a complex solution that varies on the location, scale and expected loadings applied to the concrete element. Common remediation works may involve structural props, treating the steel affected and reapplying failed concrete areas with appropriate additives.

## Summary

Concrete cancer when treated is entirely avoidable by good building design and high quality protective coatings. If you believe that you have a problem with Concrete Cancer; SPMA can assess the affected areas, advise you (including remedial work) and guide you on what is the appropriate solution for your situation. Contact one of our highly qualified staff on (02) 9619 6366.

# SPMA

## On Social Media

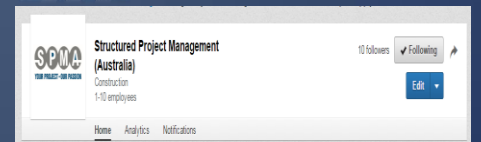
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