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**“Compliance Pathway & Fit for Purpose Remediation Solutions”**

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# Agenda

- Façade Solutions
- NCC Definitions
- Façade Concrete Repairs
- Fibre Cement Sheet
- Waterproofing
- NCC Compliance Pathway
- Case Example Non-Combustible Solution
- AcraTex - your partner in building remediation

# Façade Solutions to C1.9 Non-Combustible building elements

## Cladding Type

### Solid Aluminium

Pre-coated  
C1.9(e)(v) , or

Painted on-site  
C1.14(l) Paint, or similar  
finish

### Fibre Cement

Paint coat layer(s) –typically 2 to 3 coats  
Pre-painted coating, C1.9(e)(v) or,  
Painted on-site, C1.14(l) or  
Textured Paint coat painted on-site, C1.14(l)

### Masonry & AAC

Layer one: base coat render, Non-combustability. to AS 1530.1

Layer two: Textured Paint, 0.2-4mm thickness - C1.14(l) Paint  
(Standards Australia – HB 50-2004 Glossary of Building Terms)

Layer three: Paint weatherproof layer (membrane paint) C1.14(l)

# Comparison of Paint vs Textured Paint

Product Data	Paint and/or Membrane Paint	Paint texture by roller	Paint texture by trowel
Composition	Acrylic Polymer Resin	Acrylic Polymer Resin	Acrylic Polymer Resin
Aggregate Particles	No aggregate /no sand particles	Small-Medium sand particles	Medium – Course sand particles
Thickness	0.050mm – 0.3mm	0.2mm-0.5mm	0.5mm – 0.8mm – Aesthetic layer 1.0mm – 3.0mm – Levelling Base layer
Number of Layers	2	1-2	1
Appearance	Smooth flat finish	Fine-medium texture	Medium – course texture

## Standards Australia - HB50 Glossary of Building Terms

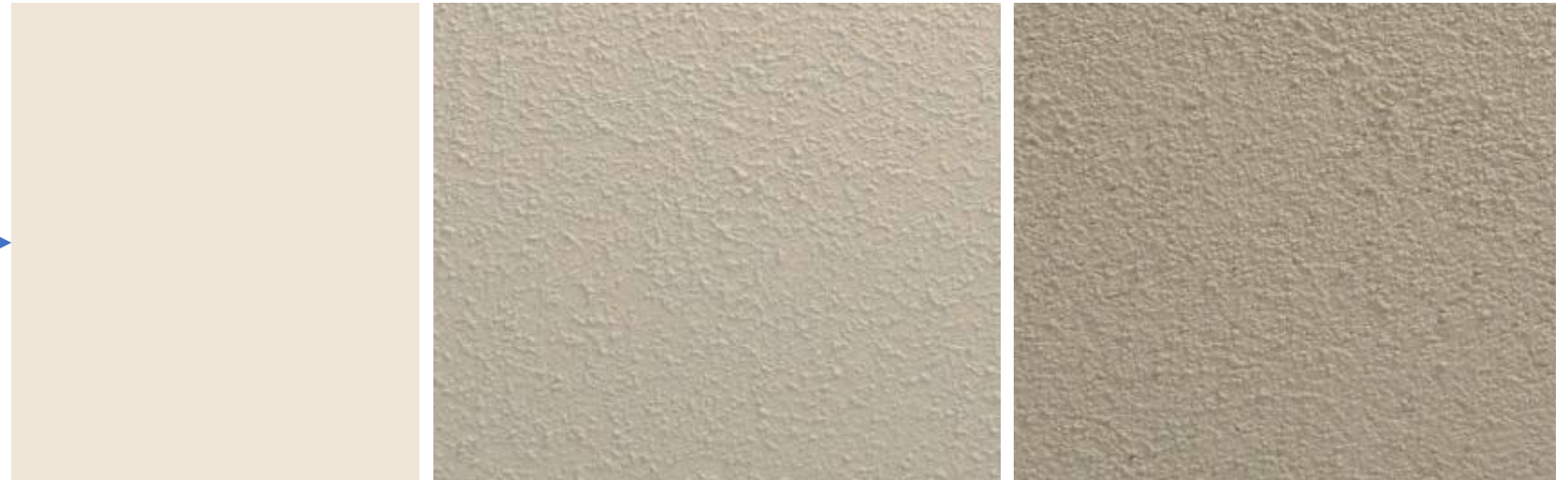
### Textured Paint

- Thick coating material which, by virtue of its composition and method of application by heavy brush, roller or trowel, can produce a variety of rough, sandy, patterned or textured finishes

### Acrylic Paint

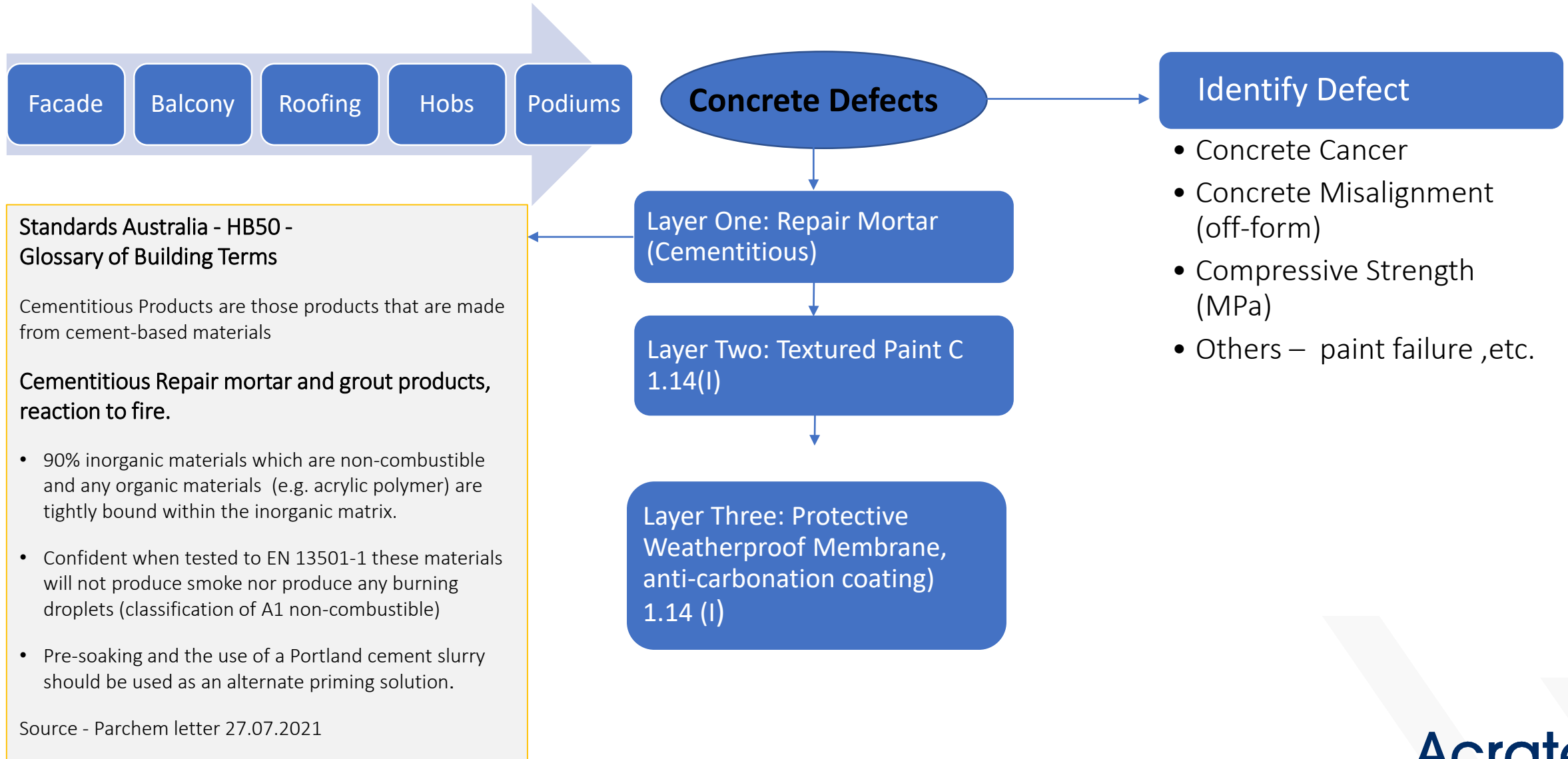
- Coating material manufactured with acrylic resins as the main base

Source – Aust Standard & ABCB

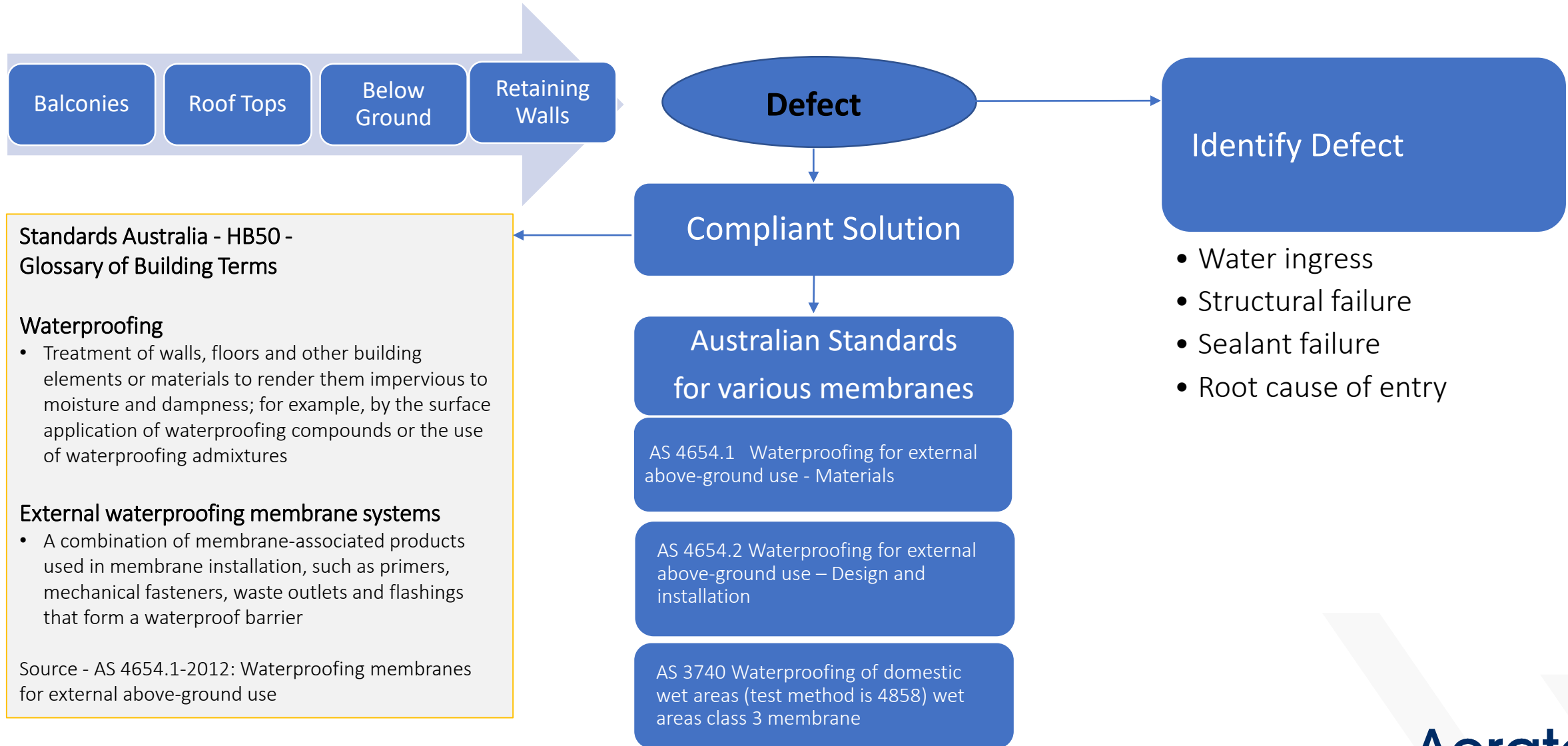


Permitted as ancillary element under C1.14(I)

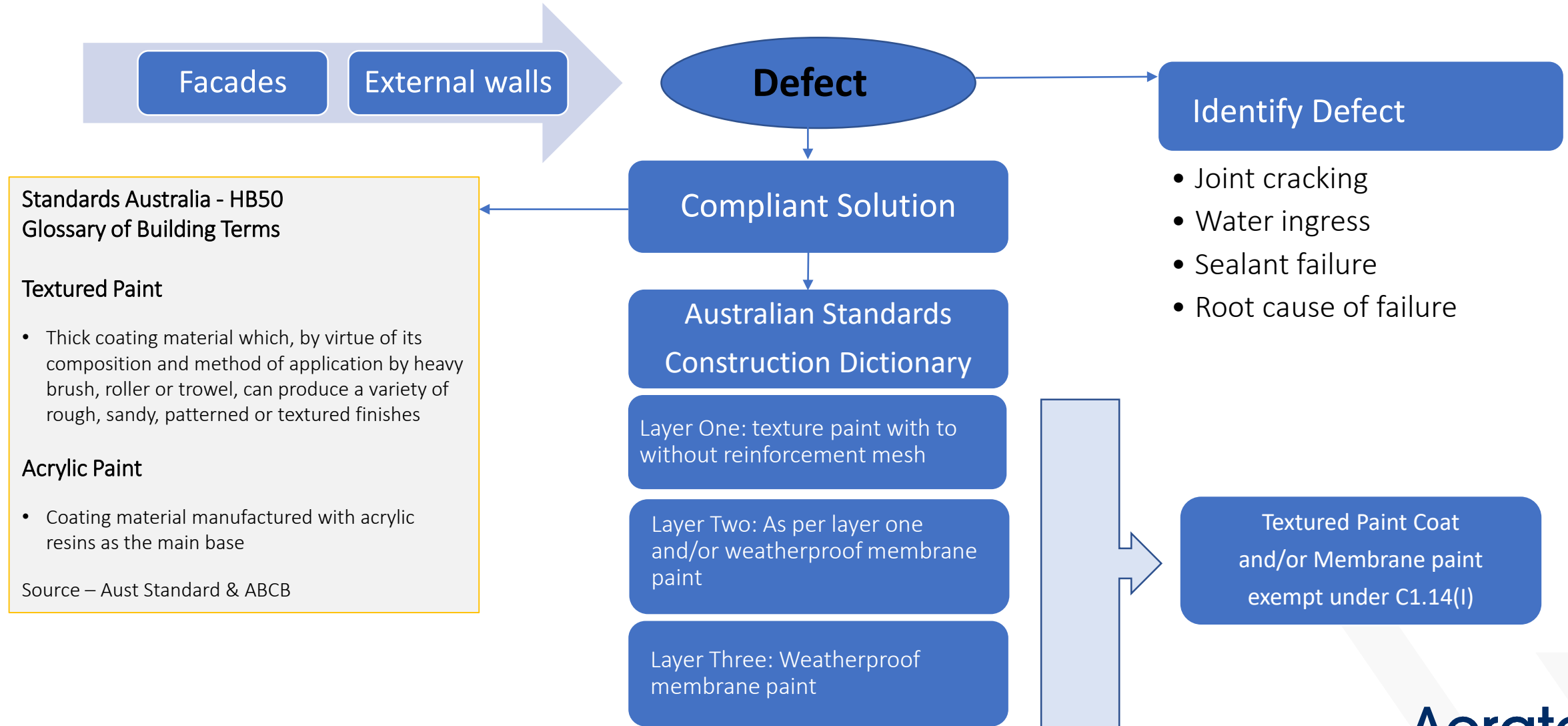
# Facade Concrete Repairs



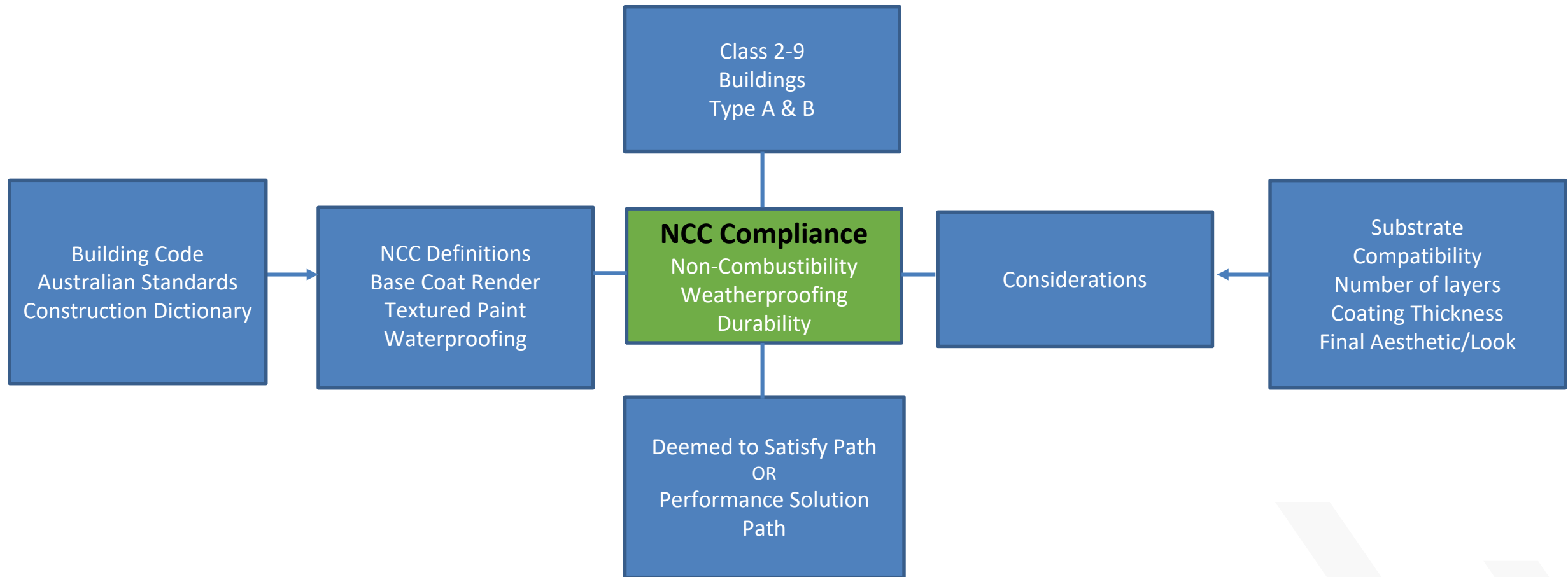
# Waterproofing



# Fibre Cement Sheet



# NCC Compliance Pathway





# Case Example: Non-Combustible Solution



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## Cladding Safety Victoria (CSV) Project : 2-4 Littlewood Street Hampton Vic

### Scope:

- Original build was EPS & Render to external walls
- Removal EPS and reinstate Hebel AAC to all external apartment walls only
- Provide an a similar aesthetic look as per original build

### Wall Solution:

- Install Hebel AAC 50 mm in accordance Hebel CodeMark Certificate
- Outer curved walls built with steel frame & expanded metal mesh – as per image
- Cladding Safety Victoria (CSV) Project : 2-4 Littlewood Street Hampton Vic

### Coating Solution:

- Layer 1: Applied non-combustible cementitious render with embedment of alkali resistant mesh to entire Hebel & expanded metal mesh walls as AS1530.1 compliance
- Layer 2: Applied surface levelling coat defined as a textured paint to smooth & even finish is exempt under C1.14(I)
- Layer 3 & 4: Applied flexible acrylic weatherproof membrane paint coats to provide a industrial concrete aesthetic appearance is exempt under C1.14(I)

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- ✓ **Your partner in building remediation**
  - ✓ **Understanding NCC compliance pathways**
  - ✓ **Solutions to meet your project needs**
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