

# Project Remediate –NSW response

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**30 July 2025**

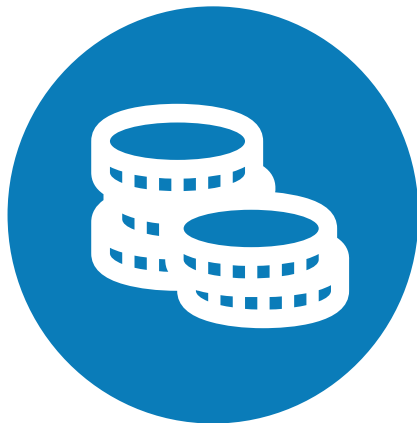
# Our collective mission – making NSW the home of trustworthy buildings



Physically



Emotionally



Economically



The environment in which they are made and exist

# Post Grenfell event - Cladding response in NSW

**Cladding Taskforce established:** 21 June 2017

**Buildings categorised following Fire and Rescue**

**NSW inspection:** cladding identified of a type, amount and configuration that increased the risk of fire spread and risk to occupants or firefighters.

**Eligible Buildings:** High risk Class 2 Residential buildings including low-rise, medium-rise, high-rise and mixed-use buildings.

**Project Remediate announced Nov 2020:** provide funding assistance, technical expertise and building assurance for eligible owners corporations.

## Key figures

- Data review = 185,000 records from 1985 onwards.
- Over 4000 buildings/sites identified and inspected since June 2017.
- Around 390 buildings required intervention; includes 274 residential.
- 190 eligible residential buildings registered for Project Remediate

# Project Remediate helps to remove combustible cladding on high risk Class 2 Residential apartment buildings

A **customer-centric** program with three elements:



- Interest-free loans
- An assurance layer - the combination of measures to support quality and value remediation
- Removal and replacement of the façade and immediately associated work

## Project Remediate aims to provide:



An enduring safe solution for flammable cladding affected buildings



Customer focus on best value for money for rectification works



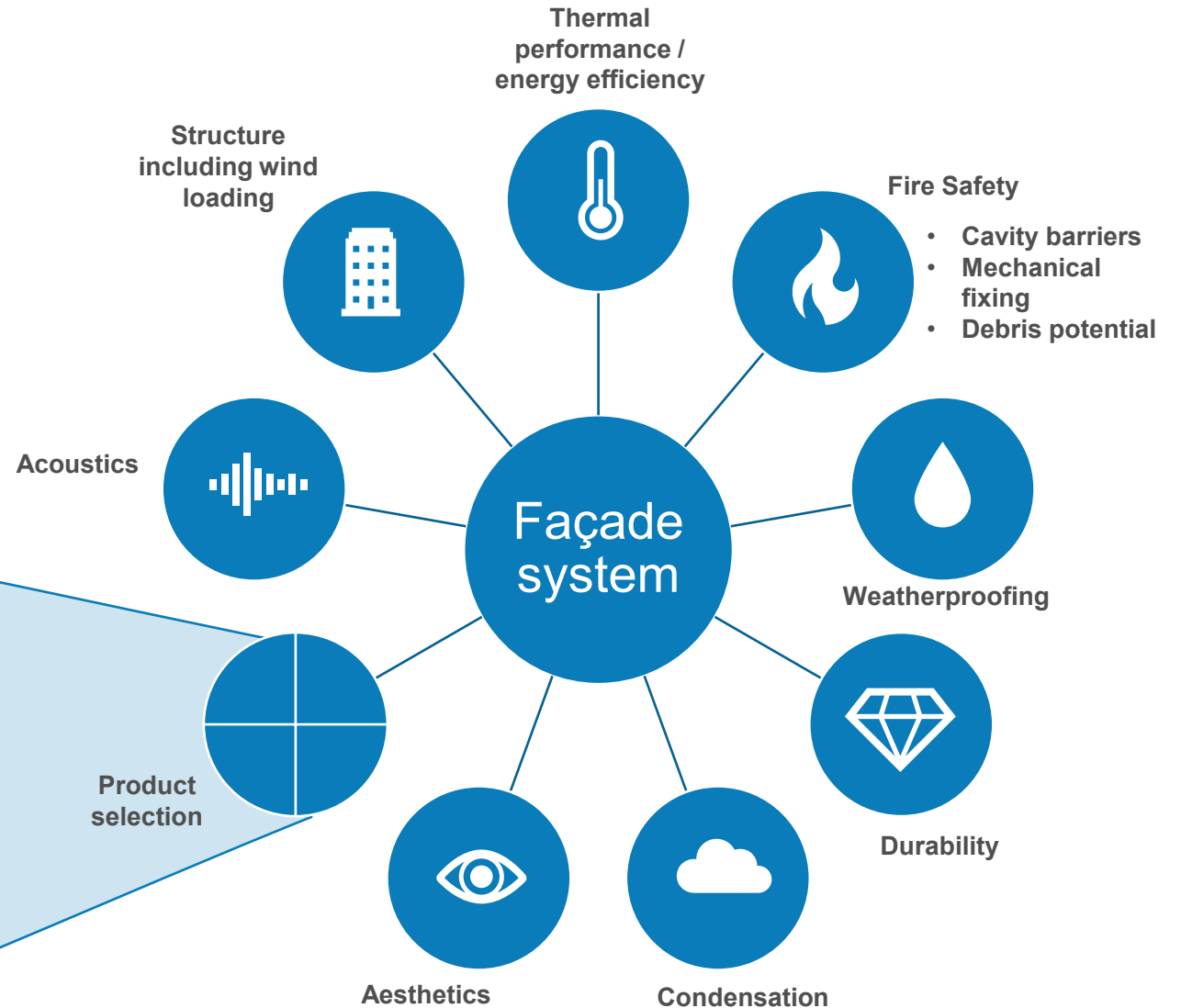
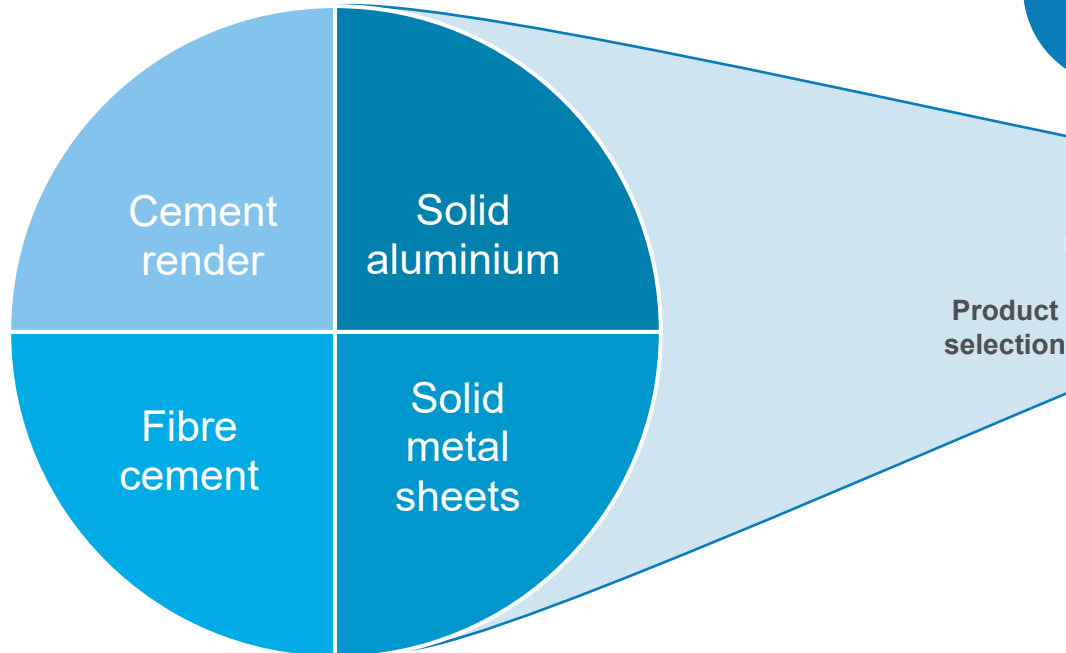
A timely and risk-based response to community safety



Ensure rectified buildings qualify for full insurance (no carve outs)

# Façade system focus

- The cladding material or 'skin' is just one element of the facade
- All components of the wall will be investigated, and defects fixed
- All aspects of the replacement façade system will be subject to detailed design requirements



# Pattern Book Iteration

Project Remediate

## Cladding Replacement Pattern Book



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- Pattern Book – V1 Launched August 2022, new version May 2023
- Used to inform building specific designs that are developed pre-procurement not post procurement
- Utilises best practice solutions not just compliance with standards
- Pattern book is iterated as remediation progresses
- Free to use .dwg files - available to industry for broader use

## CLADDING OR FINISHING MATERIAL REPLACEMENT

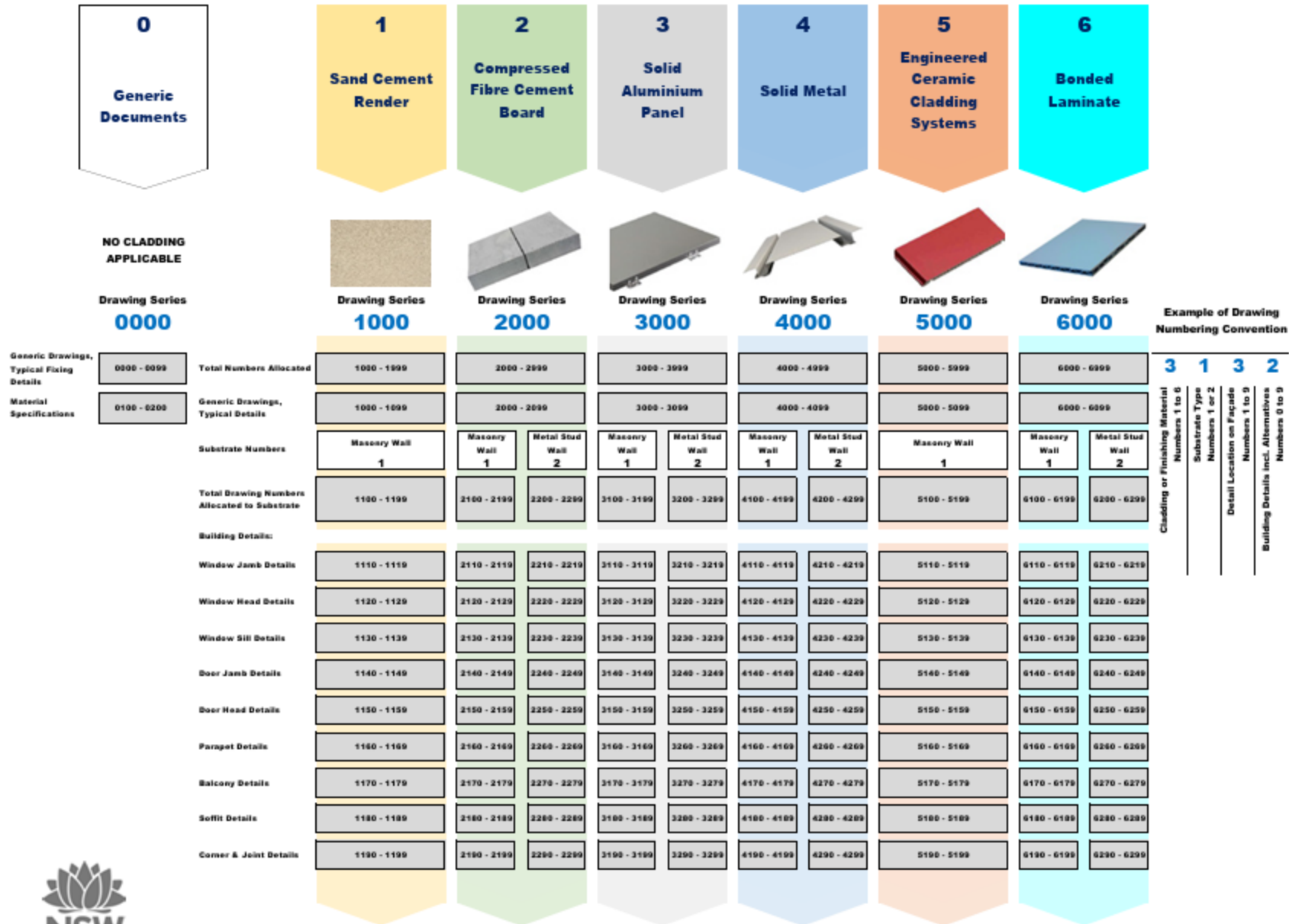


Figure 17.1: Drawing number navigation flowchart. Each drawing is given as a 4-digit number

# Excerpt – common building conditions

## Pattern Book

### Chapter 15: Lessons Learnt from Triage Investigations

#### Section 2: Results of Triage Process

Defect type	Description	% of buildings defect observed
1	Lack of mechanical fasteners for cladding	64
2	Corroded subframing	71
3	Inadequate Fixings of subframing to supporting structure	42
4	Inadequate waterproofing	64
5	Inadequate wall structure	42
6	Inadequate fire protection/detailing	57
7	combustible components	64

**Type 1:**  
Lack of mechanical fasteners for cladding



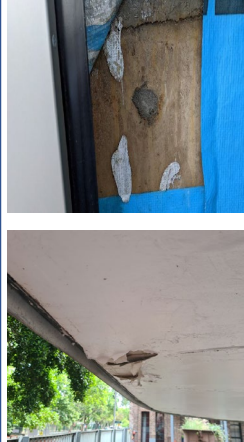
**Type 2:**  
Corroded subframing



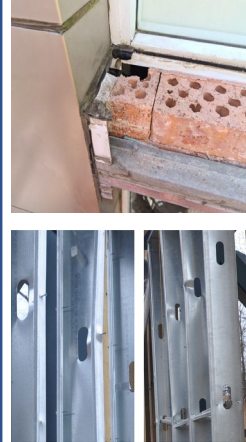
**Type 3:**  
Inadequate Fixings of Sub-framing



**Type 4:**  
Inadequate Waterproofing



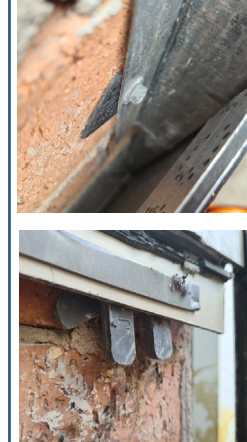
**Type 5:**  
Inadequate Wall Structure



**Type 6:**  
Inadequate Fire Protection/Details



**Type 7:**  
Combustible Components



**Type 8:**  
Inadequate insulation (or lack of)



# Recycling and sustainability

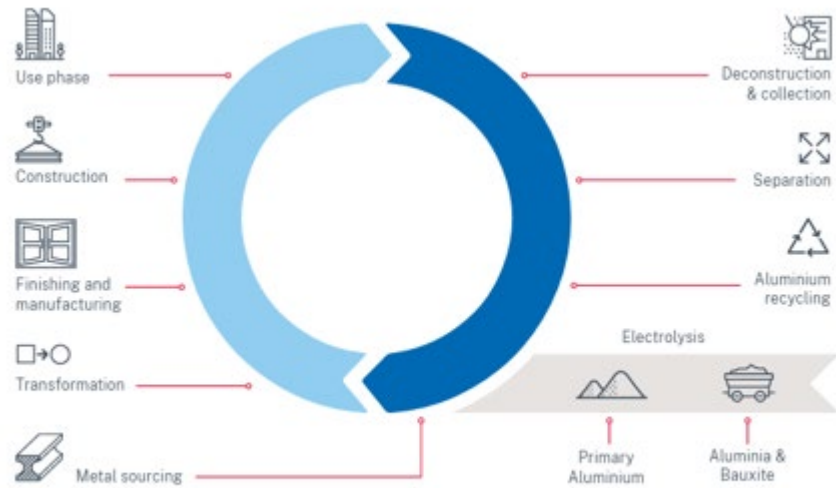


Figure 7.1: Life cycle of composite panels

614.83 tonnes of flammable cladding have been recycled, with an overall recycling rate of 99.81% to date.



Figure 18.8: Sample of Materials to be Recycled



Figure 18.11: Removed materials in storage

Material	Quantity
Aluminium	0.665T
PE	0.074T
Aluminium	0.02T
Steel	1.35T
PE	1.061T
<b>TOTAL</b>	<b>3.17T</b>

Figure 18.9: Summary of Recycled Materials - by mass



Aluminium

Polyethylene

Figure 18.12: Materials in final recycled form

## Waste Breakdown

# Capability uplift and industry education

## Construct NSW platform

- Project Remediate- Understanding the program
- Cladding Remediation- Part A
- Cladding Remediation – Part B – Engineers Australia
- Project Remediate Safety Standards at occupied sites
- Project Remediate safety standards at occupied sites for management
- Strata and Remedial work
- Waterproofing remediation- How to ensure a successful project
- Building contracts
- Cavity barriers

INDUSTRY TRAINING & SAFETY	MAY	JUNE
<b>Training Modules</b>		
Delivered	<b>2303</b>	2355
Worker Passports Issued	<b>2301</b>	2353
Total Site Hours Worked	<b>500,125 hrs</b>	526,118 hrs

Thank you

