

**F.M. INSULATION SUPPLIES**  
INDUSTRIAL & COMMERCIAL INSULATION MATERIALS



## **IMPORTANT:**

To be read in conjunction with Duct Wrap 615+  
downloadable documents at:

**[fminsulation.com.au/insulation/3m.php](http://fminsulation.com.au/insulation/3m.php)**

## 3M™ Fire Barrier Duct Wrap 615+ Product Update , Issue #4 – Tests and reports relating to tests to AS1530.4

The Corrigendum to the National Construction Code 2019 Amendment 1 (Version 2, issued 31<sup>st</sup> August 2022) requires that from 1<sup>st</sup> May 2023 , in Schedule 4, Referenced Documents , Note 2 (a) & (b) , that test reports to AS1530.4 will be required to relate to the latest test method of 1530.4 (2014) .

Therefore, until 30<sup>th</sup> April 2023 existing reports described in Table 1, including those to the 2005 version of AS1530.4 will be valid [Corrigendum-NCC-2019-NCC2019A1.v2 \(abcb.gov.au\)](http://www.abcb.gov.au/Corrigendum-NCC-2019-NCC2019A1.v2)

Table 1

| Configuration                | Laboratory | FRL/ FRR                | Layers | Report #                | AS1530.4 Test Standard |
|------------------------------|------------|-------------------------|--------|-------------------------|------------------------|
| Internal / Horizontal        | CSIRO      | 60/60/60<br>120/120/120 | 2/1*   | FC03273 (D)             | 2014                   |
| External / Horizontal        | BRANZ      | 60/60/60<br>120/120/120 | 2      | FAR4433 &<br>TO4812     | 2005                   |
| Internal / Vertical          | CSIRO      | 60/60/60<br>120/120/120 | 3/2/1* | FC03273 (D)             | 2014                   |
| External / Vertical          | BRANZ      | 60/60/60<br>120/120/120 | 2      | FAR4433 &<br>TO4812     | 2005                   |
| Access Door Cover – Internal | CSIRO      | 60/60/60<br>120/120/120 | 2      | FC03273 (D) &<br>FC4812 | 2005 & 2014            |

From 1<sup>st</sup> May 2023 only reports & FRL's listed in Table 2 will be valid.

External exposure testing to AS1530.4(2014) has been conducted for 3M Fire Barrier Duct Wrap 615+, with FRL's given in Table 2 . The severity of AS1530.4 (2014) for external exposure is significantly higher than that in AS1530.4 (2005) and as a result, the layering has been increased at the same time as the insulation component of the FRL is reduced.

Table 2:

| Configuration                | Laboratory | FRL/ FRR    | layers | Report #       | AS1530.4 Test Standard |
|------------------------------|------------|-------------|--------|----------------|------------------------|
| Internal / Horizontal        | CSIRO      | 120/120/120 | 2/1*   | FC03273 (D)    | 2014                   |
| External / Horizontal        | CSIRO      | 120/120/90  | 2      | Report Pending | 2014                   |
| Internal / Vertical          | CSIRO      | 120/120/120 | 3/2/1* | FC03273 (D)    | 2014                   |
| External / Vertical          | CSIRO      | 120/120/90  | 2      | Report Pending | 2014                   |
| Access Door Cover – Internal | CSIRO      | 120/120/120 | 2      | FC03273 (D)    | 2014                   |

\* Staggered layering with number of layers reducing with distance from the penetration

**Designers and installers are strongly encouraged to seek independent advice from a qualified fire engineer and building certifier / surveyor before proceeding with an installation.**

