



TERMS OF REFERENCE

Passive Fire Protection Technical Advisory Committee (TAC/18/19)

8 January 2018

TAC/18/19 has interests in the applications of passive fire protection products, such as:

- Walls
- Floors/ceilings
- Beams
- Columns
- Doors/Shutters
- Door seals and hardware
- Windows
- Ducts
- Penetrations
- Dampers
- Critical Services
- Buildings Prone to Bushfire Attack

TAC/18/19 has interests in the installation, marking, documentation and maintenance of such products.

It also has interests in methods for assessing for hazards and risk to life and property and the contribution of design, materials, products and components to fire safety particularly but not exclusively in buildings.

The committee is active in a range of projects relating to the development of codes and standards for the above applications of passive fire protection.

The committee has direct links to Standards Australia committees FP-18 Fire Safety and FP-019 Passive Fire Systems which have developed and maintain the following Australian Standards and Technical Specifications:

- **FP-018**
 - AS 1530, *Methods for fire tests on building materials, components and structures (all parts)*
 - AS 2122, *Combustion characteristics of plastics suite*
 - AS 2484.1, *Fire – Glossary of terms – Fire tests*
 - HB 37, *Handbook of Australian fire Standards - Fire test Standards suite*
 - AS 3758, *Guide to the evaluation of the effectiveness of fire retardants*
 - AS/NZS 3837, *Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter*
 - AS 5113, *Fire propagation testing and classification of external walls of buildings*
 - ATS 5387, *Guidelines - Fire safety engineering suite*

- AS ISO 9239.1, *Reaction to fire tests for floor coverings - Determination of the burning behaviour using a radiant heat source*
- AS ISO 9705, *Fire tests - Full-scale room test for surface products*
- **FP-019**
 - AS 1905.1, *Components for the protection of openings in fire-resistant walls - Fire-resistant doorsets*
 - AS 1905.2, *Components for the protection of openings in fire-resistant walls - Fire-resistant roller shutters*
 - AS 4072.1, *Components for the protection of openings in fire-resistant separating elements - Service penetrations and control joints*
 - AS 6905, *Smoke doors*

Key Functions:

- Be aware of all legislation, regulations, codes, Australian Standards, and other publications that relate to passive fire protection building systems.
- Provide input into the development of Australian Standards relating to fire safety and passive fire protection.
- Provide guidance on technical and application matters related to fire safety and passive fire protection to FPA Australia, TACs and SIGs.
- Review FPA Australia's relevant educational material and recommend the development of supporting documents (e.g. a data sheet) when the need is identified.
- Assist with the preparation of articles for publications such as FireTalk and the Fire Australia Journal on matters relating to fire safety and passive fire protection building systems.
- Report to NTAC on key issues, recommendations, and request advice.

Secondary Roles:

- Promote the flow of information related to standards for fire safety and passive fire protection to FPA Australia members.
- Provide a forum to bring members with allied interest together.
- Work cooperatively with relevant external groups.
- Provide information about seminars and conferences relative to the industry, which should be considered by the Board.
- Run seminars or workshops on subjects of interest to FPA Australia members.

Interrelationships:

- FPA Australia Head Office
- National Technical Advisory Committee (NTAC)
- TAC/1 Maintenance of Fire Protection Equipment
- TAC/18 Fire Safety
- TAC/20 Bushfire Safety
- TAC/23 Tunnel Safety
- FP-001 Maintenance of Fire Protection Equipment
- FP-018 Fire Safety
- FP-019 Passive Fire Protection
- FP-020 Construction in Bushfire Prone Areas

- FP-023 Tunnel Fire Safety
- ME-062 Ventilation and Air Conditioning
- BD-058 Thermal Insulation

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Note: These Terms of References have been created by merging the TAC/18 and TAC/19 Terms of reference from 18 February 2011 to align with the running of these committees as a joint committee since their creation in July 2010.