

TECHNICAL DATA SHEET

FIRE STOP PARTY WALL BATTS

FIRE-RATED PARTY WALL INSULATION

Product description and typical applications

Constructed from mineral wool technology, Fire Stop Party Wall Batts are designed to provide fire protection in party or separating wall constructions between adjacent tenancies. Fire Stop Party Wall Batts are installed between the top of a party wall and the roofing membrane (in Class 1 and 10 buildings) to provide excellent fire resistance at high temperatures. When installed correctly, Fire Stop Party Wall Batts can achieve a 2 hour CSIRO fire rating thereby preventing the transfer of fire into an adjoining occupancy.

All Fire Stop insulation must be installed as per the architectural specification or system specific test description. In a Class 1 and 10 building, Fire Stop Party Walls Batts should be being compression fitted (with a minimum of 15% compression) between the top of the fire rated party wall and the roofing membrane leaving no voids.

Physical characteristics

| Nominal thickness mm | Width mm | Length mm | Density kg/m ³ | Product code |
|----------------------|----------|-----------|---------------------------|--------------|
| 100 | 168 | 1200 | 64 | 338005 |
| 50 | 200 | 1000 | 64 | 338006 |

Technical specifications

| | Result | Test method |
|---------------------------|--|-----------------------|
| Thermal conductivity | 0.035 W/mk | ASTM C518 |
| Corrosion resistance | Non-corrosive, Type I, III | ASTM C655 |
| Alkalinity | Ph 7.0 – 9.0; Less than 20ppm soluble chlorides | BS 3958 part 5 – 1969 |
| Specification | Type IA, IB, II | ASTM C612 |
| Combustibility | Rated Non-combustible as per NFPA Standard 220 | ASTM E136 |
| | Non-combustible | AS 1530.1:1994 |
| Fire hazard properties | Ignitability: 0, Flame Spread: 0, Smoke Developed: 0, Heat Evolved 0 | AS/NZS 1530.3:1999 |
| Water vapour transmission | Unfaced, 50 perms as tested | ASTM E96 |
| Moisture absorption | Less than 1% by volume | ASTM C1104 |

Green Star compliant

Fletcher Insulation avoids the use of Ozone Depleting Potential (ODP) substances in the composition of Mineral Wool Insulation products. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality. The product's chemical composition and the manufacturing of this product does not contain nor produce ozone depleting substances such as CFC's, or HCFC's. Fire Stop Party Wall products do not contain asbestos.

Specification notes

The insulation material shall be Fletcher Insulation Fire Stop Party Wall Batts _____ x _____ x mm (specify width and thickness) with a nominal density of 64kg/m³.

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