

# Party Wall Batts

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## *Technical Data Sheet*

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## KEY BENEFITS

- Fire Resistant testing to 30 min, 60 min and 120 min applications
- Excellent Acoustic Isolation properties
- Tested in masonry and wooded joist floor and wall configurations
- Foil-faced to provide excellent smoke seal
- Life expectancy of over 25 years
- Light weight, odourless and easy to cut
- See MORE benefits below

## INTRODUCTION



BOSS Party Wall Batts comprises a one-piece, close dimensioned rockwool having a structural internal mineral fibre core. The product has integrated aluminium foil facings to provide class 'O' rating and excellent resistance to smoke. A unique method of manufacture provides a resilient lateral compression required to ensure a tight fit. Designed to be used in Ceiling Cavity, Slab Edge or Under Floor installations and upgrades.

As standard, the materials can be supplied with either butt joints or an interlocking overlap joint to further enhance integrity of the installation. The product comes pre-cut to suit void sizes or in sheet form to be cut on site. The core is ECOSE® Technology, a revolutionary, new, formaldehyde-free binder technology, based on rapidly renewable materials instead of petro-based chemicals. It reduces embodied energy and delivers superior environmental sustainability.

## FEATURES & BENEFITS

- ✓ Fire Resistant testing from 30 min to 120 min
- ✓ Certifire 3rd Party Accreditation
- ✓ Air Permeability testing to EN 1026 to 600Pa
- ✓ Excellent Acoustic Isolation properties
- ✓ Tested in Masonry and Wooded Joist floor and wall configurations
- ✓ GWP of 0% Global Warming Potential
- ✓ ODP of 0% Ozone Depletion Potential
- ✓ Superior Level of Sustainability
- ✓ Encased Fibre Migration for Air Plenum Use
- ✓ Life expectancy of over 25 years
- ✓ Foil-faced to provide excellent smoke seal
- ✓ Odourless and Easy to Cut
- ✓ Available in Pre-Cut Sections or Complete Units
- ✓ Light Weight
- ✓ Ideal for Historical Building Upgrades
- ✓ Contributes to Green Building
- ✓ Voids up to 590mm wide

**SPECIFICATION**

<b>Description</b>	Silver Foil Wrapped Structural Stone Wool Composite
<b>Density</b>	80kg/m <sup>3</sup>
<b>Thermal</b>	0.35 to 0.37W/mk
<b>Air Permeability</b>	600Pa EN 1026 – 100Pa 2.6/4.2 m <sup>3</sup> /h/m <sup>2</sup>
<b>Thickness</b>	100mm
<b>Dimensions</b>	1200 x 600 / cut to size at 150mm wide
<b>Brackets</b>	Require for voids over 310mm wide
<b>Void Size</b>	600mm wide x any length

**APPLICATION**

The range of BOSS Party Wall Batts systems has been developed to comply with International Building Regulations. This requires that extensive cavities in ceiling/floor voids should be sub-divided or compartmentalized with cavity barriers.

**Ceiling Cavity Barriers**

The horizontal seals, Ceiling Cavity Barriers should be installed to coincide with the fire resisting partitions above the ceiling/floor.

BOSS Party Wall Batts provides a resilient seal between the ceiling and the underside of the floor. It is ideal for the upgrade of wooden floors or heritage ceilings where conventional materials cannot be accommodated or between wooden joists forming the ceiling cavity. FireMastic-300 Intumescent sealant can be applied around any services passing through.

**Under Floor Cavity Barriers**

Voids are left under the removable access floor in a building where a partition wall is build above. These voids require to be closed to prevent the spread of fire. BOSS Party Wall Batts will provide an easy to fit solution being installed between the floor slab and the underside of the access floor.

**Slab Edge Barriers**

The horizontal voids between the slab edge and the outer skin of the building whether it be cladding panel, facade or masonry should be sealed to coincide with the fire resisting requirements of the building element. BOSS Party Wall Batts provides a resilient seal between the slab edge and walling system.

**INSTALLATION**

1. BOSS Party Wall Batt single components are simply laid end to end in either horizontal or vertical orientation, friction fitted between the substrate to form a continuous barrier.
2. Cut the unit oversized by 10mm to the width of the void.
3. Push in the brackets at a distance of 600mm apart at mid thickness both sides of the unit.
4. Evenly push the unit in to the void.
5. The correct size units are placed in position end to end, ensuring joints are pushed tightly together.
6. To assist installation and maintain integrity of the smoke barrier joints can be taped with self-adhesive foil.
7. For a more complete installation of the smoke barrier joints sealed with FireMastic-300 Sealant if desired.
8. Maintain record of installation.

For further information see Installation Manual.

**COMPLIANCE**

BOSS Party Wall Batts is manufactured in the EU, meeting the highest quality standard in compliance to ISO EN 9001. For fire test certification, contact BOSS Fire & Safety technical services team at 1300 502 677.

**STORAGE & DISPOSAL**

BOSS Party Wall Batts should ideally be stored between +5°C and +25°C indoors, above ground level in dry well ventilated conditions.

## ENVIRONMENT

BOSS Fire & Safety contribute to Green Building by having a manufacturing policy of 100% recycle and 0% landfill for all products. BOSS Party Wall Batts contributes to a Green Building:

- Low VOC (air quality)
- No Power Tools required for installation (no energy source required)
- Dust free
- Low Ozone Depletion Potential (ODP)
- Low Global Warming Potential (GWP)
- No water pollution
- Smoke and Air Tightness
- Water Tightness
- Noise Reduction
- Thermal Insulation
- Recycling of Packaging
- Avoidance of Air Filtration
- Does not emit halogenated by-products
- The life cycle is over 25 years

## HEALTH AND SAFETY

To learn more about the safe handling of Party Wall Batts, see the Material Safety Data Sheet available at [www.bossfire.com.au](http://www.bossfire.com.au).

## LIMITATION

BOSS Fire & Safety Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Fire & Safety's attention relating to the fire resistance or performance of the product described, BOSS Fire & Safety reserve the right to amend this report.

BOSS Fire & Safety strive to constantly improve and develop products so this information may change without notice.

## FURTHER TECHNICAL INFORMATION

For additional technical information on the performance of Party Wall Batts or other BOSS products please contact our Technical Services team on:

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