

Ablative Coating

*A fire-rated coating for sealing of BOSS Batts and penetrations
Approved to AS1530.4:2005 and EN1366*



Technical Data Sheet

ADDRESS

Unit 8 / 15-23 Kumulla Road
Caringbah NSW 2229, AUSTRALIA

MAILING ADDRESS

PO Box 707, Caringbah NSW 1495, AUSTRALIA

INTERNATIONAL CALLERS

+612 9531 8591

PHONE

1300 50 BOSS

FAX

1300 60 BOSS

EMAIL

info@bossfire.com.au

WEB

www.bossfire.com.au

KEY BENEFITS

- Life expectancy of over 25 years
- Can be spray, brush or trowel applied
- Suitable for indoor use without additional environmental protection
- Fire Resistant testing to AS1530.4 to 4 hrs and EN1366-3 to 240mins
- Tested in block wall, concrete, masonry, plasterboard partition, composite panel, durasteel wall & speed panel
- See MORE benefits below

INTRODUCTION



Ablative Coating has been developed to seal Bulkhead Batts once installed in aperture. Once the ablative coating is applied it prevents the passage of fire and smoke between fire rated compartments giving up to 4 hour fire resistance to AS1530.4 and EN1366 pt3.

Ablative Coating is a water based acrylic coating, having excellent fire and electrometric properties. At normal temperatures, it remains flexible to permit thermal and mechanical movement of the services. The product is unaffected by oil, fungus, moisture, vermin, contain no halogens or asbestos and contains no VOCs.

BENEFIT

- ✓ Fire Resistant testing to AS1530.4 and EN1366-3 – 240mins.
- ✓ Simple method of fire rating
- ✓ BS 7671-2008 Chapter 42 & 52 – Electrical Installations Fire Resistance.
- ✓ Tested in Block Wall, Concrete, Masonry, Plasterboard Partition, Composite Panel, Durasteel Wall and Speed Panel.
- ✓ Tested in Concrete Floors.
- ✓ Air Permeability testing to 600Pa.
- ✓ Acoustic Isolation testing to 63dB.
- ✓ Flexibility and LOI tested – ASTM D522 & ISO 4589-2:1996.
- ✓ Can be spray, brush or trowel applied.
- ✓ Suitable for indoor use without additional environmental protection.
- ✓ Remains flexible between -5°C to +70°C.
- ✓ Easy to use fibre free coating.
- ✓ Life expectancy of over 25 years.
- ✓ Suitable for large openings in walls and floors with additional supports.
- ✓ Contributes to Green Building.
- ✓ Flexible and water resistant.
- ✓ Halogen free, resists fungi and vermin.
- ✓ Shelf Life 12 months.

SPECIFICATION

Description	Water based flexible acrylic coating
Colour	White
Specific Gravity	1.2 – 1.3 g/cm ³
Cure Rate	0.5mm per day at 50% relative humidity 23°C
Tack Free	6hrs at 23°C, 50% RH
Application Temperature	+0°C to +30°C
Coating Thickness	2.5mm Nominal, wet coating thickness
Sealant Coverage	2.8kg/m ² , 2.24L/m ²
Fire Resistance	Up to 240mins
LOI	26.7 ISO 4589-2:1996
Acoustic Isolation	49dB when installed with 50mm Bulkhead Batt. 63dB when installed with 2 x 50mm Bulkhead Batts.
Container Size	5kg, 10kg
Shelf Life	18 Months

INSTALLATION

Installation details and technical support are available from Boss Fire Technical Service team on 1300 502 677.

- Use rubber gloves and eye protection to avoid skin and eye contact.
- Apply mineral wool to opening.
- To install Bulkhead Batts, please see relevant Installation Manual/Guide data sheet.
- Apply coating to all cut edges and joints. Can be applied via spray, brush or trowel application.
- Seal all service installations as required passing through the batt.
- Maintain record of installation.

Ensure lid is replaced on the container after use.

For further information, please see the Installation Manual/Guide.

COMPLIANCE

Boss Fire Ablative Coating is manufactured in the EU, meeting the highest quality standard in compliance to ISO EN 9001. For fire test certification contact Boss Fire Technical Service Team on 1300 502 677.

STORAGE AND DISPOSAL

For long term storage and ease of installation it is recommended that it should be stored indoors, in dry conditions. Storage temperature between -5°C and +25°C.

Sealant shelf life 18 month from date of manufacture.

HEALTH AND SAFETY

To learn more about the safe handling of Ablative Coating, see the Material Safety Data Sheet available at www.bossfire.com.au.

ENVIRONMENT

Boss Fire contribute to Green Building by having a manufacturing policy of 100% recycle and 0% landfill for all products. Boss Fire Ablative Coating 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
- Noise Reduction
- Thermal Insulation
- Recycling of Packaging
- Avoidance of Air Filtration
- Does not emit halogenated by-products
- Contains no raw materials known to have an estrogenic effect
- The life cycle of Ablative Coating is over 25 years.

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 Ablative Coating or other BOSS products please contact our Technical Services team on:

Phone 1300 502 677
Fax 1300 602 677
Direct +612 9531 8591
Email info@bossfire.com.au
Web www.bossfire.com.au