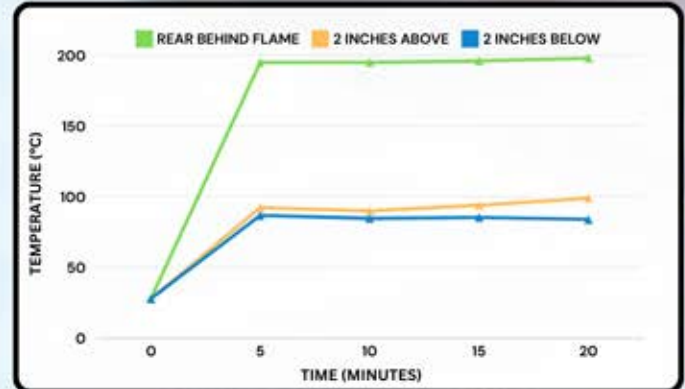


TRS-BEVO1

HIGH BUILD THERMAL TRANSFER PROTECTION

- When applied to the battery compartment and cell dividers, this coating prevents temperature transfer between cells in the event of thermal runaway.
- Helps prevent adjacent cells from overheating.
- Steel panel - Exposure to 1200°C flame 1" distance shows a reduction to below 300°C directly behind panel where flame is exposed.
- Aluminum panel - 20+ minutes with no burn through.
- Target dry film application 10 mils DFT (254 microns).

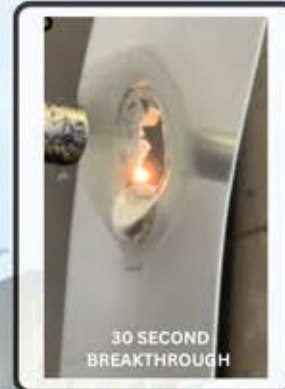


TRS-BEVO1 THERMAL TEMPERATURE PROFILE

TRS-BEVO2

THIN FILM BURN THROUGH PREVENTION

- Target dry film application 1.5 - 2.0 mils DFT (38.1 - 50.8 microns).
- 20 minutes burn through prevention on aluminum panel via 1200°C propane torch test.
- Developed as a safety coating between battery and passenger compartment to extend evacuation time.
- Chip guard protection on vehicle undercarriages.



TRS-BEVO3

CORROSION PREVENTATIVE + THERMAL MITIGATION

- For use where additional corrosion protection is required.
- Added safety benefit of intumescent properties in case of thermal runaway.
- Target dry film application 3.0 mils DFT (76.2 microns).
- 100% solids formula allows for wet film application to match final dry film.
- 500+ hours salt spray (ASTM B117) / 10+ cycles CCT (GMW14872)



TRS-BEVO3
500+ HOURS SALT
SPRAY TEST



TRS-BEVO3
10 CYCLES - CYCLIC
CORROSION TEST