

Project number: 252011

25 August 2025

E Plus Building Products Pty Ltd
12-13 Dansu Court
Hallam, Victoria 3803

tech.support@e-core.com.au

RE: Jensen Hughes position statement on firebolt in fire resistant doorset

We would like to clarify our position regarding the use of firebolts in fire-resistant door assemblies, in light of recent industry discussions.

Jensen Hughes has assessed the E-core doorset in accordance with AS 1530.4:2014 and AS 1905.1:2015. The findings of this assessment are documented in report FAS200350.

It is our position that, fire doors – whether hinged, sliding, or roller shutter types – fitted with firebolts are compliant with the Deemed-to-Satisfy (DTS) provisions of the National Construction Code (NCC) 2022 Amendment 1 and previous revisions. In our view, neither AS 1530.4:2014 nor AS 1905:2015, being referenced documents in the NCC, prohibit the use of firebolts. Furthermore, the relevant NCC performance requirements (e.g., C1P2, D1P2) are focused on occupant life safety and do not extend to ensuring post-fire operability for firefighting purposes.

Based on our testing experience, it is unrealistic to expect fire doors to remain operable following fire exposure as per the standards fire test conditions. This has been consistently observed in fire tests, where even doors without firebolts often become jammed due to activation of intumescent materials, melting of locksets, or seized closing devices.

We acknowledge that further investigation into post-fire accessibility may be beneficial, particularly from a firefighting operations perspective. Jensen Hughes Fire Testing Pty Ltd remains committed to supporting such efforts through collaborative testing, assessments and product certification initiatives.

If you require any further information or explanation of the above, please do not hesitate to contact me at omar.saad@jensenhughes.com.

Sincerely,

Jensen Hughes

Omar Saad

Market Lead – Assessment

Jensen Hughes Fire Testing Pty Ltd
ABN: 81 050 241 524

Copyright ©2025 Jensen Hughes, Inc.
All Rights Reserved. T1124 PAC