



WEATHERTIGHTNESS SUBSTANTIATION SHEET:

SYSTEM: SPS Envirowall Cavity Cavity System 1 –Flexible Slip.
VTC job no.: TR0141-3VH4
Report Number: N950-19-17702

Issue Date: 14/05/2019
Dates of test: March and April 2019
Test Laboratory: VINCI

Test Standard: In accordance with CWCT Standards
Fabricator / Installer: SPS Envirowall Limited
Sample: 7m W x 5.65m H



SUMMARY OF TEST RESULTS:

- **Watertightness – static (pre-test):** PASS
- **Air permeability:** PASS (CWCT) Equivalent to Class A4 of BS EN 12152
- **Watertightness – static:** PASS, No water penetration was observed throughout the test.
- **Wind resistance – serviceability:** PASS, No damage to the test sample was observed.
- **Air permeability:** PASS, (CWCT) Equivalent to Class A4 of BS EN 12152
- **Watertightness – dynamic:** PASS, No water penetration was observed throughout the test.
- **Watertightness – static:** PASS, No water penetration was observed throughout the test.
- **Watertightness – hose:** PASS, No water penetration was observed throughout the test.
- **Wind resistance – safety:** PASS, No damage to the test sample was observed.
- **Impact resistance:** PASS, PASS, No damage was observed during the positive pressure up to 3600 pascals

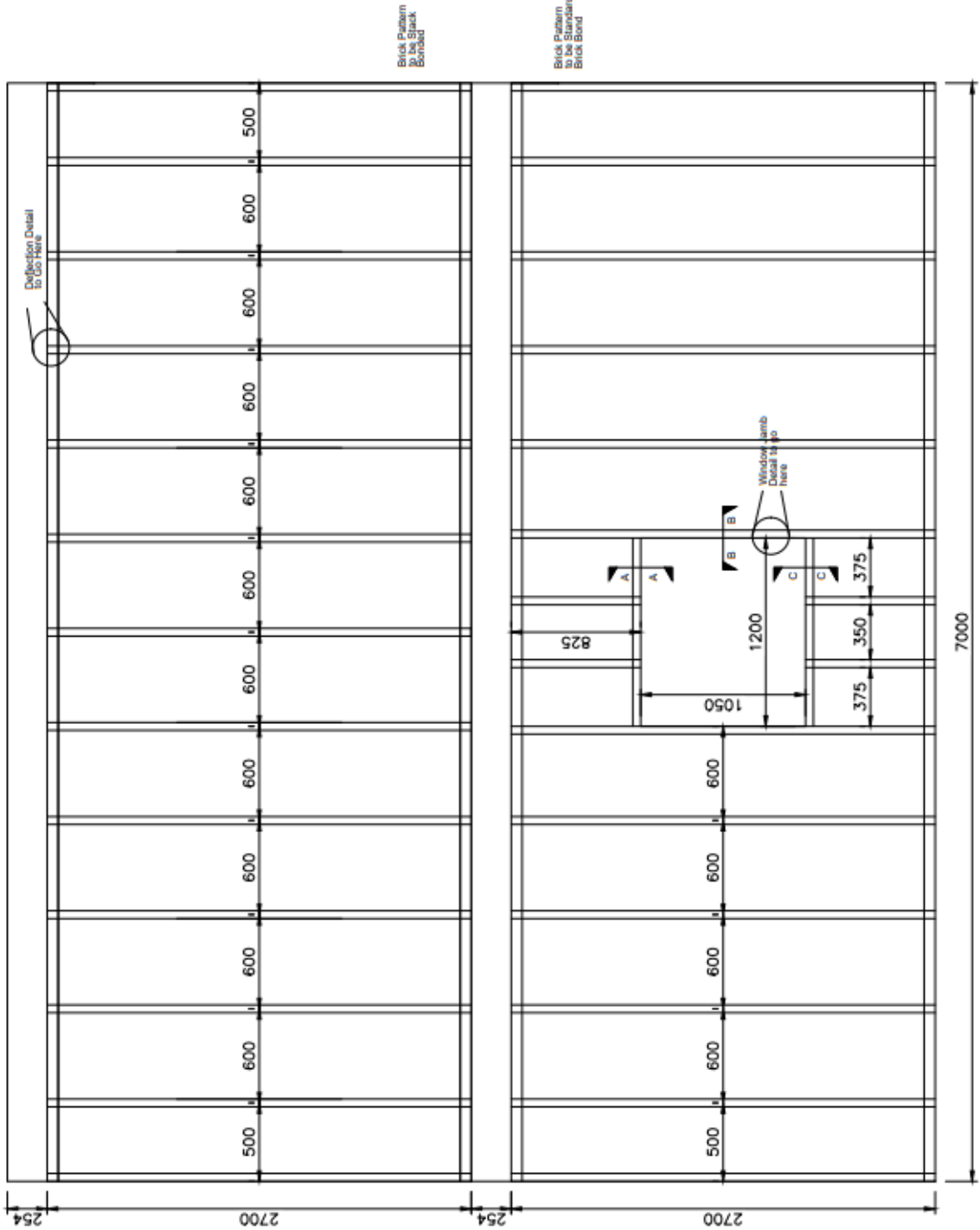
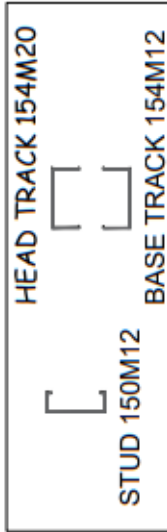
CLASSIFICATION:

- **Air permeability** CWCT / BS EN 12152 (A4)
- **Watertightness** CWCT / BS EN 12154 (R7)
- **Wind resistance** CWCT / BS EN 13116 (± 2400 pascals serviceability, ± 3600 pascals safety)
- **Impact resistance** CWCT TN76 (Class 1 serviceability Negligible risk safety)



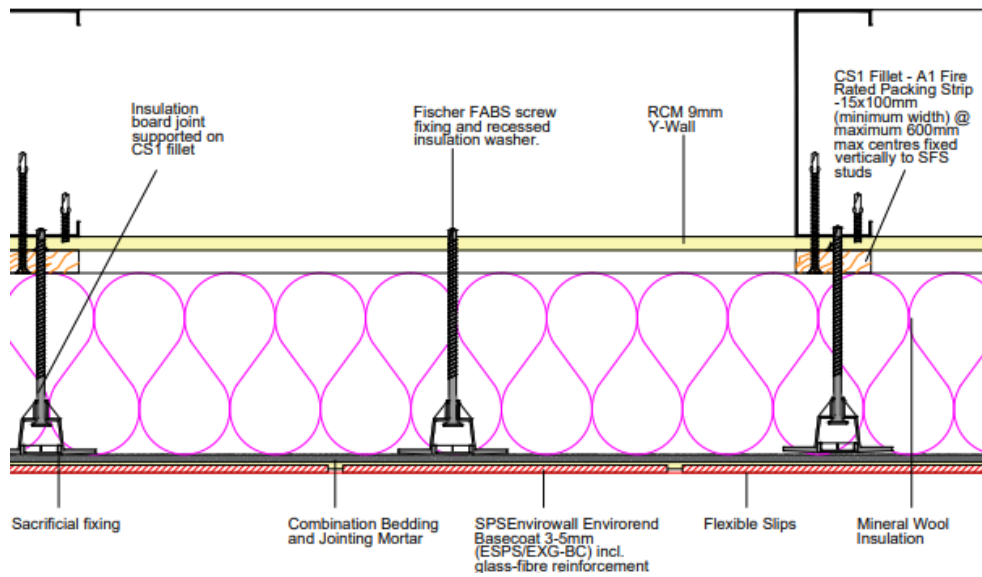
Drawings:

SFS and Studs Layout

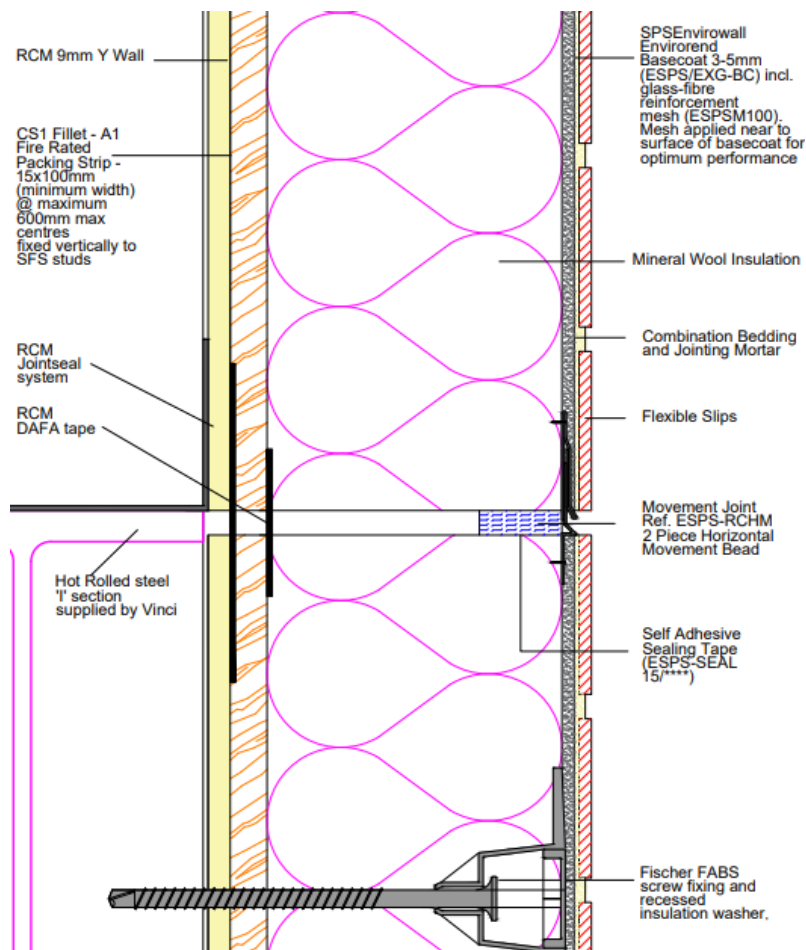




Plan View Detail



Horizontal Movement Joint Detail





Window Reveal Detail

