



**Project:** Murray Halberg Retirement Village - Level 3 Interior Steel, 60min for Metspray, Auckland - SC902  
**Customer:** Via Parth Hadiya  
**Date:** Friday, April 28, 2023  
**Schedule Reference:** SST-230428A

This schedule is prepared as per e-mail of 26/04/2023. Steel details same as of SSFT-220511C.

This schedule supersedes SSFT-220511C.

**NULLIFIRE SC902 FAST-TRACK INTUMESCENT - FIREPROOFING SCHEDULE**

ITEM CODE	ELEMENT NAME	CONFIGURATION	SIDES	Hp/A	LINEAL Metres	AREA Metre^2	FRR Minutes	DFT Microns	SC902 LITRES	COMMENTS	Check WFT
Level 3 Beams	75x50x6RHS	Beam	3	132	1.33	0.23	60	1268	0.5	Check reinforcement notes below	1491
2	100EA10	Beam	3	153	0.36	0.11	60	778	0.5		915
3	100EA10	Beam	3	153	0.37	0.11	60	778	0.5		915
4	100EA12	Beam	3	129	19.41	5.67	60	695	5.0		817
5	100EA12	Beam	3	129	2.74	0.80	60	695	1.0		817
6	100EA12	Beam	3	129	1.44	0.42	60	695	0.5		817
7	100EA12	Beam	3	129	5.42	1.58	60	695	1.5		817
8	100EA12	Beam	3	129	8.59	2.51	60	695	2.5		817
9	100EA12	Beam	3	129	8.61	2.51	60	695	2.5		817
10	100EA12	Beam	3	129	5.40	1.58	60	695	1.5		817
11	100EA12	Beam	3	129	5.40	1.58	60	695	1.5		817
12	100EA12	Beam	3	129	1.20	0.35	60	695	0.5		817
13	100EA12	Beam	3	129	0.97	0.28	60	695	0.5		817
14	100EA12	Beam	3	129	1.08	0.32	60	695	0.5		817
15	100EA12	Beam	3	129	2.53	0.74	60	695	1.0		817
16	100EA12	Beam	3	129	1.43	0.42	60	695	0.5		817
17	100EA12	Beam	3	129	1.81	0.53	60	695	0.5		817
18	100EA12	Beam	3	129	8.44	2.46	60	695	2.5		817
19	150EA10	Beam	3	157	0.60	0.26	60	792	0.5		931
20	150EA10	Beam	3	157	0.60	0.26	60	792	0.5		931
21	150EA10	Beam	3	157	0.63	0.28	60	792	0.5		931
22	150EA10	Beam	3	157	0.59	0.26	60	792	0.5		931
23	200UC60	Beam	3	131	0.83	0.83	60	702	1.0		825
24	200UC60	Beam	3	131	1.33	1.32	60	702	1.5		825
25	460UB82	Beam	3	137	5.76	8.29	60	723	7.5		850
26	460UB82	Beam	3	137	5.96	8.57	60	723	7.5		850
27	460UB82	Beam	3	137	6.43	9.25	60	723	8.0		850
Totals						51.52			51.0	Litres	

4 25 kg (16.8 litre) kits

**Applicator Note:** Nullifire SC902 may only be applied by trained and approved applicators; refer to Altex Coatings for approved applicator listings in your area.

**NOTES:** [Special Note: Hollow Section Reinforcement & ENCF Core Filling Notes](#)

[All RHS sections at all FRR's & CHS columns above 60 FRR, require reinforcement with 50mm fibreglass tape per SC902 design drawings; if not attached request a copy from Altex Technical](#)  
[ENCF configuration as highlighted indicates the SC902 loadings have been adjusted for hollow section core-filling according to test data to EN13381-6 & AS/NZS 2327:2017](#)

\*\* The schedule data tabulated above is based on information received by Altex Coatings Limited. All care has been taken to ensure accuracy of detail however it is the responsibility of the customer to ensure the listed structural items, their dimensions, configurations, fire resistance ratings (FRR) are correct to the actual project works. Altex Coatings believes the listed Nullifire SC902 film thickness loadings (DFT) are correctly calculated from certified test and approval data; all listed quantities are on a theoretical basis and customers norms should be included for the calculation of wastage, coatback and other losses.

\*\* Please note in particular that, unless alternatively specified and noted in the schedule, DFTs are based on accepted industry standard practice. Therefore, unless otherwise specified calculations will be based on the following assumed Limiting Temperatures: (1) 620°C for 3 sided H beams, (2) 550°C for 4 sided H beams / columns, (3) 550°C for 4 sided RHS / CHS.

\*\* Nullifire SC902 loading DFTs are drawn from certified test and approval tables; reference Certifire CF5144 (August 2023)