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Testing. Advising. Assuring.

EWFA CERTIFICATE OF TEST	CERTIFICATE No.: SFC 53596800b.1 Page 1 of 1

Report Sponsor	Summary Issue Date
Bossil Technology Sdn. Bhd. 22A-1, Jalan Tasik Utama 10, The Trillium @ Lake fields, 57000 Sg. Besi, Kuala Lumpur Malaysia	25/09/2018

Introduction

The element of construction described below was tested by this laboratory on behalf of the test sponsor in accordance with the stated test standard and achieved the results stated below. Refer to the referenced test report for more information.

Referenced Report	Test Date	Test Standard
EWFA 43878800f.1	15/06/2017	EN 1366-4:2006
EWFA 53596800c.2	26/03/2018	EN 1366-4:2006
EWFA 53596801c.1	12/06/2018	EN 1366-4:2006

Description of Services

The EWFA 43878800 test assembly comprised a nominal 1584mm long × 1600mm wide × 250mm thick Hebel floor, that was penetrated by three control joints at a nominal length of 1000mm. Starting from the eastern side the joints were 12mm, 30mm and 50mm wide respectively. The control joints were protected by Bossil BS-2550 FireStop Silicone Sealant and were sealed from the unexposed side at a depth of half the width of the control joint with a backing rod placed in the control joint.

Service	Description	Fire Protection System	Integrity	Insulation
D	50mm wide at 25mm deep from the unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	Failure at 148 minutes
E	30mm wide at 15mm deep from the unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	Failure at 97 minutes
F	12mm wide at 6mm deep from the unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	No Failure at 301 minutes

The EWFA 53596800 test assembly comprised a nominal 1600mm wide × 1600mm long × 250mm thick Hebel wall, that was penetrated by five control joints at a nominal length of 1000mm. Starting from the western side the joints were 30mm, 30mm, 30mm, 50mm and 12mm wide respectively. The control joints were protected by Bossil BS-2550 FireStop Silicone Sealant and were sealed from either the exposed side or both the exposed and unexposed side starting from the western side at 30mm depth from the exposed and unexposed side, 20mm depth from the exposed and unexposed side, 15mm depth from the exposed side only, 25mm depth from the exposed and unexposed side and 6mm depth from the exposed and unexposed side respectively with backing rods placed in the control joint.

Service	Description	Fire Protection System	Integrity	Insulation
A	30mm wide at 30mm deep from both the exposed and unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	Failure at 245 minutes

B	30mm wide at 20mm deep from both the exposed and unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	Failure at 150 minutes
C	30mm wide at 15mm deep from both the exposed side only.	Bossil BS-2550 FireStop Silicone Sealant	Failure at 28 minutes	Failure at 22 minutes
D	50mm wide at 25mm deep from both the exposed and unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	Failure at 242 minutes	Failure at 159 minutes
E	12mm wide at 6mm deep from both the exposed and unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	No Failure at 301 minutes

The EWFA 53596801 test assembly comprised a nominal 1200mm wide × 1200mm long × 250mm thick Hebel wall, that was penetrated by one control joint at a nominal length of 1000mm and 30mm wide. The control joint was protected by Bossil BS-2550 FireStop Silicone Sealant and were sealed from both the unexposed and exposed at 15mm depth with backing rods placed in the control joint.

Service	Description	Fire Protection System	Integrity	Insulation
A	30mm wide at 15mm deep from both the exposed and unexposed side.	Bossil BS-2550 FireStop Silicone Sealant	No Failure at 301 minutes	Failure at 188 minutes

Notes

THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE.

Reference should be made to the relevant test report to determine the applicability of the test result to a proposed installation and for a full description of the tested construction.

The results of these fire tests may be used to assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all conditions.

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