FIREMAC FM FIRE DUCT SYSTEM TEST SUMMARY

TEST STANDARD: EN 1366-3

	APPLICATION			FIRE RESISTANCE	
	Flexible Walls	Rigid Walls	Rigid Floors	Integrity	Insulation
Firemac FM Firestop Batt	X	X	X	X	X
Firemac FM Firestop Coating	X	X	X	X	X
Firemac FM Firestop Collar	X	X	X	X	X
Firemac FM Firestop Intumescent Sealant	X	X	X	X	X
Firemac FM Firestop Mortar			X	X	X
Firemac FM Firestop Pillows		X		X	X
Firemac FM Firestop Wrap	X	X	X	X	X

EN 1366-3 outlines the method for determination of the fire resistance of service penetration seals. Both standards expose the relevant test specimens to a cellulosic heat curve and may be tested in horizontal or vertical orientation, giving consideration to the following performance criterion:

Integrity:
This is the time in completed minutes for which the test specimen continues to maintain it's separating function during the test without:

a) Causing the ignition of the cotton pad applied, as defined within EN 1363-1.
b) Permitting the penetration of a gap gauge, as defined within EN 1363-1.
c) Resulting in sustained flaming, as defined within EN 1363-1.

Insulation:
This is the time in completed minutes for which the test specimen continues to maintain it's separating function during the test without developing temperatures on its unexposed face which increase at any location above the initial average temperature by more than 180 K.

FIREMAC FM FIRE DUCT SYSTEM TEST SUMMARY

TEST STANDARD: 1366-4

		Fire Resistance	
	Linear Gap Seals	Integrity	Insulation
Firemac FM Firestop Acrylic Sealant	X	X	X

EN 1366-4 outlines the method for determination of the fire resistance of linear gap seals. Both standards expose the relevant test specimens to a cellulosic heat curve and may be tested in horizontal or vertical orientation, giving consideration to the following performance criterion:

Integrity:

This is the time in completed minutes for which the test specimen continues to maintain it's separating function during the test without:

a) Causing the ignition of the cotton pad applied, as defined within EN 1363-1.
b) Permitting the penetration of a gap gauge, as defined within EN 1363-1.
c) Resulting in sustained flaming, as defined within EN 1363-1.

Insulation:

This is the time in completed minutes for which the test specimen continues to maintain it's separating function during the test without developing temperatures on its unexposed face which increase at any location above the initial average temperature by more than 180 K.

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