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SURFACE SPREAD OF FLAME TEST TO

BS 476: PART 7: 1987 ON A SAMPLE OF ZINGA COATED STEEL

TEST REPORT NO. J92189/1

Prepared for:

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Member of the SGS Group (Société Générale de Surveillance)



SURFACE SPREAD OF FLAME TEST TO
BS 476: PART 7: 1987 ON A SAMPLE OF ZINGA COATED STEEL

1. INTRODUCTION

A sample of Zinga coated steel samples has been tested for Surface Spread of Flame in accordance with BS 476: Part 7: 1987.

The Sponsor's fax of 7th December 1992 refers.

2. MATERIAL SUBMITTED

The material received on 8th December 1992 was stated by the Sponsor to be:-

3mm steel plates, gritblasted to SA2.5 and then coated with Zinga to a depth of 70-80µm by airless spray.

3. TEST METHOD

Six specimens were tested on 11th December 1992 according to BS 476: Part 7: 1987, Method for Classification of the Surface Spread of Flame of Products and AMD7030 of 31st January 1992, as amended by AMD 6249 of 31st January 1990, by exposure of the coated face to thermal radiation.

4. OBSERVATIONS

None of the specimens ignited; slight discolouration of specimen occurred.

5. RESULTS

Surface Spread of Flame (mm)		Specimen Number					
		1	2	3	4	5	6
		1.5 minutes	NIL	NIL	NIL	NIL	NIL
	10 minutes	NIL	NIL	NIL	NIL	NIL	NIL

FLAME SPREAD CLASSIFICATION

Classification	Flame Spread at 1.5mins		Final Flame Spread	
	Limit	Limit for one Specimen in sample	Limit	Limit for one Specimen in sample
1	mm 165	mm +25	mm 165	mm +25
2	215	+25	455	+45
3	265	+25	710	+75
4		Exceeding Class 3 Limits		

6. CONCLUSION

In accordance with the Flame Spread Classification given in the Standard and reproduced above, the results show that the material has a Class 1 surface.

"The test results relate only to the behaviour of the test specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use".

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