

DECLARATION OF PERFORMANCE

1. Unique identification code of the product

CHARFLAME®

2. Product family

Fire Protective Reactive coating for structural steel.

3. Type and batch number

Intumescent coating. Batch number refers to packaging.

4. Intended use

Fire protection of various sizes of structural steel 'H' or 'I' section beams and columns for a fire resistance classification up to R90 and hollow rectangular beams up to R30 according to fire tests carried out in official laboratories.

5. Manufacturer

PERLITA Y VERMICULITA, S.L.U.

c/ Josep Irla i Bosch, 5-7;

08034, Barcelona. Spain

6. Manufacturing Plant

C/Aljibe, nº19. Pol. Ind. Ctra. De la Isla

41703 Dos Hermanas (Sevilla), Spain.

7. Notified body

Instituto de Ciencias de la Construcción Eduardo Torroja (IETcc)

European Technical Assessment ETA 15/0146 issued on the basis of EAD 350402-00-1106, used as European assessment Document (EAD)


CE1219-CPD-0097

8. Declared performance

Product	Intended use	Classes	System
Fire Protective Reactive coating	Fire protection of structural steel	Any	1

SAFETY IN CASE OF FIRE (BWR2)		
Technical specification	Essential characteristics	Assessment of characteristics
EN 13501-1. Classification F	Reaction to fire	
EN 13501-2 EN 13381-8:2013	Resistance to fire	I/H –sections, R30 up to R90 Hollow beams, R30
HYGIENE. HEALTH AND ENVIRONMENT (BWR3)		
Declaration of manufacturer	Release of dangerous substances	The product specification has been compared with Annex 7 of REACH and the ECHA Candidate list of Substances of Very High Concern to verify that it does not contain such substances above the acceptable limits
RELATED ASPECTS OF SERVICEABILITY		

EAD 350402-00-1106 Section 2.2.5	Primer Compatibility	Compatible with 2 pack solvent based epoxi, Compatible with 2 pack solvent based epoxi rich in zinc and Alkidyic 1/C
EAD 350402-00-1106 Section 2.2.5	Topcoat compatibility	Compatible with 2 pack polyurethane acrylic and varnish acrylic
EAD 350402-00-1106 Section 2.2.5	Environmental conditions	Type Y with approved topcoat. Type Y, Z1, Z2 (without and with approved topcoat)

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Perlita y Vermiculita SLU Josep Irla i Bosch, 5-7; 08034, Barcelona. Spain 15 1219-CPD-0097
EAD 350402-00-1106 Charflame See ETA 15/0146 for relevant Characteristics

9. Declaration

The performance of the product identified in point 1 is in conformity with the declared performance in point 8. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 5.

Signed for and on behalf of the manufacturer by:



Pedro Fernández Prada
 Quality & Production Controller.
 Perlita y Vermiculita S.L.U.