
CERTIFICATE OF APPROVAL

No CF 5639

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

METRA NON-FERROUS METALS LTD

Unit N7, RD Park, Essex Road, Hoddesdon, Herts. EN11 0FB

Tel: 01992 460455

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

METAL FLASHING

TECHNICAL SCHEDULE

**TS20 - NON-COMBUSTIBLE
MATERIALS AND MATERIALS
OF LIMITED COMBUSTIBILITY**

Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification



Paul Duggan
Certification Manager



Issued: 6th June 2018
Next audit test due: 06/06/2029
Frequency: Annually
Valid to: 5th June 2023



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METRA NON-FERROUS METALS LTD

Non Combustible Material or Materials of Limited Combustibility

1. This approval relates to the use of a Non Combustible Material. The product has shown a fire performance which should ensure that when the Metal Flashing is in use in building construction or refurbishment, it should not significantly add to the fire risk.
2. This approval does not cover other features required of metal flashing such as resistance to water, corrosion etc
3. The temporary protective covering is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS20
 - iii) Inspection and surveillance of factory production control
 - iv) Certification under ISO 9001:2015
4. The construction product shall be mounted and fixed in accordance with manufacturers instructions.
5. Markings to the CERTIFIRE design referencing Metra Non-Ferrous Metals Ltd, CERTIFIRE and CERTIFIRE Ref. No. CFxxx shall be affixed to each construction product in the prescribed position.
6. This approval relates to on-going production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.
7. This approval has been prepared from test data summarised below and derived from the test reports referenced below. Full details of the product, justification for the conclusions given, along with validity statements are given in those reports.

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Test Evidence

BS EN ISO 1716 **Formal test data – WF 394005 and 395495**

Test Results: Adhesive – 34.40 MJ/kg or 1.38 MJ/m²
 Paint – 20.37 MJ/kg or 0.88 MJ/m²
 Zinc Alloy – 0 MJ/kg

BS EN 13501-1 **Classification report – WF 398516**

Total Product – 0.52MJ/kg

The product has been appraised as having a Class A1 performance when fire tested and assessed by Exova Warringtonfire to BS EN 13501-1

Certification is awarded on the basis of initial type testing to BS EN 13501-1, as appropriate, initial inspection and on-going surveillance of factory production control, and on-going compliance with the scheme requirements including labelling of the product as specified. The currency of the certification may be verified at <http://www.warringtonfire.net/certifire>.

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Annex 1

General description		Coloured zinc strips
Product reference of overall composite		Metz Flashing
Name of manufacturer of overall composite		Grillo - Werke AG
Thickness of overall composite		0.6 – 0.7mm
Density / weight per unit area of overall composite		7.14 kg/dm ³
Coating	Generic type	Polyurethane and epoxy paint system
	Product reference	B-625-3-960/5-412-2-179//5-412-2-179
	Name of manufacturer	Beckers Industries
	Colour reference	RAL 7003 Moose Grey
	Number of coats	3 (2 on frontside, 1 on backside)
	Application rate / thickness per coat	25/5/5 µm
	Density / specific gravity	1,24
	Application method	Rollcoat
	Curing process per coat	Oven heated
	Trade name of flame retardant	Option 2
	Generic type of flame retardant	Option 2
	Amount of flame retardant	Option 2
Metal	Generic type	Zinc
	Product reference	Metz Flashing 0.60 x 150 / 240 / 300 and 440mm
	Detailed description / composition details	Coloured zinc strips with adhesive
	Name of manufacturer	Grillo-Werke AG
	Thickness	0.6 mm
	Density / weight per unit area	7.14 kg/ dm ³
	Preparation details	Rolls of approx. 10m each
Adhesive	Generic type	Solventless Acrylic + PE-Foam
	Product reference	K-Mount 0,2 mm AM
	Name of manufacturer	K.M.B. Klebtechnik GmbH
	Colour reference	White
	Application rate	Note 1
	Specific gravity	
	Generic type of flame retardant	Note 1
Amount of flame retardant		
Brief description of manufacturing process		Zinc will be rolled, colour coated, slitting in the final dimension, coated with adhesive and in cutting in the final length

Note 1. The sponsor of the test was unable or not willing to provide this information.

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