

Declaration of Performance

according to Annex III of the Regulation (EU) No. 305/2011
(Construction Products Regulation)

Mulcol® Multicollar *Slim*

No. PSS-MC 0843-CPR-0476

1. Unique identification code of the product-type:

Mulcol® Multicollar *Slim*, Universal Fire Collar

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See batch number on the packaging of the product.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

3.1. The intended use of the Mulcol® Multicollar *Slim* is to restore the fire resistance of flexible and solid wall and floor constructions, where they are penetrated by various metal, plastic, aluminium-composite pipes with and without flammable insulation, electrical cables and flue gas piping systems. When using the Mulcol® Multisealant A, Mulcol® Multimastic SP mastic you can also obtain a smoke-proof finish, as included in the ETA 17/0836.

3.2 The circumstances in which the Mulcol® Multicollar *Slim* can be used to seal penetrations are intended for indoor use (TR 024:2009, type Z₁), conditions: humidity lower than 85% RH, excluding temperatures below 0 °C and without exposure to rain or UV (TR 024:2009, type Z₁).

3.3 The provisions in this declaration of performance are based on an assumed service life of the Mulcol® Multicollar *Slim* of 30 years, provided that the conditions set on the packaging, transport, storage, installation, use and repair are met. The indications on the lifespan cannot be interpreted as a guarantee from the manufacturer, but must be regarded as merely a means of choosing the right products in connection with the expected economically reasonable lifespan of the works.

3.4 Building Element Properties

Flexible walls

The minimum wall thickness must be 100 mm and the wall must consist of steel or wooden posts* with at least 2 layers of cladding on both sides with a thickness of 12.5 mm. Can also be used with fire-stopping stone wool boards, 2 x 50 mm Multimastic FB1, maximum seal size: unlimited width x 1200 mm height (uninterrupted partition styles required, with a centre distance of up to 2400 mm).

Rigid walls

The minimum wall thickness is 100 mm and the wall must consist of concrete, aerated concrete or brickwork, with a minimum density of 650 kg/m³. Can also be used with fire-stopping stone wool, 2 x 50 mm Multimastic FB1, maximum seal size: unlimited width x 1200 mm height.

Rigid floors

The minimum floor thickness is 150 mm and the floor must consist of concrete or aerated concrete, with a minimum density of 650 kg/m³. Can also be used with fire-stopping stone wool boards, 2 x 50 mm Multimastic FB1, maximum seal size: 2400 x 1200 mm (wxh).

**There must be a minimum distance of 100 mm from each part of the conduit seal to a wooden post and the gap between the conduit seal and the post must be capped. The cavity between the conduit seal and the post must have at least 100 mm class A1 or A2 insulation (according to EN 13501-1).*

The support structure must be classified in accordance with EN 13501-2 for the specified fire resistance.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Mulcol International
Arnesteinweg 18
4338 PD Middelburg
The Netherlands

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP-System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Not applicable

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

This Declaration of Performance has been prepared in accordance with the guidelines set out within EAD 350454-00-1104. ETA 17/0836 prepared by UL International (UK) Ltd notified body 0843, Certificate of Constancy of Performance 0843-CPR-0328.

9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Reaction to Fire	Class E	EN 13501-1
Resistance to Fire	ETA 17/0836 Annex A	EN 13501-2
Air permeability (material property)	NPD	EN 1026: 2000
Water permeability (material property)	NPD	EAD 350454-00-1104, Annex C
Release of dangerous substances	As a manufacturer, we declare that no dangerous substances are released during the installation or use of this product. See safety data sheets.	
Mechanical Resistance and stability	NPD	EOTA TR 001: 2003
Resistance to impact/movement	NPD	EOTA TR 001: 2003
Airborne sound insulation	NPD	EN 10140-1,2,4,5/ EN ISO 717-1
Impact sound insulation	NPD	EN 10140-3
Thermal properties	NPD	EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, EN ISO 14683, EN ISO 10211, EN ISO 10456
Water vapor permeability	NPD	EN ISO 12572, EN 12086, EN ISO 10456
Durability and serviceability	Type: Z ₁ according TR 024:2009	EAD 350454-00-1104, Clause 2.2.9

NPD: No performance determined

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

L. de Visser
Productmanager

