

# HELMACAB

## EU Declaration of Conformity

No. 202003



1. **Products** MKEM-LSZH 450/750 V (H07Z1-K Type 1)

2. **Manufacturer**

Company name: Helmacab Oy  
-address: Lasitehtaankatu 12 10960 HANKO  
-phone: +358-2-410-8700  
-fax: +358-19-248 2016

3. **This declaration of conformity is issued under the sole responsibility of the manufacturer**

4. **Objects of the declaration**

MKEM-LSZH 450/750 V (H07Z1-K Type 1) Installation Wire

**Size:**

1x6 mm<sup>2</sup>; 1x10 mm<sup>2</sup>; 1x16 mm<sup>2</sup>; 1x25 mm<sup>2</sup>; 1x35 mm<sup>2</sup>; 1x50 mm<sup>2</sup>  
1x70 mm<sup>2</sup>; 1x95 mm<sup>2</sup>; 1x120 mm<sup>2</sup>; 1x150 mm<sup>2</sup>; 1x185 mm<sup>2</sup>; 1x240 mm<sup>2</sup>

5. **The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:**

Construction Product Regulation (CPR) No 305/2011/EU  
Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU

6. **References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

EN 50525-1	Design standard
IEC 60332-1-2	Flame-retardant - test for single wire and cable
IEC 61034 -2	Smoke density
IEC 60754	Halogen free

7. **Signed for and on behalf of:**

Kaarina 26.8.2020

Manufacturer:  
Helmacab Oy

A handwritten signature in blue ink, appearing to read 'Oskari Vainio', is written over a horizontal line.

Oskari Vainio, R&D Manager

# HELMACAB

## EU Declaration of Performance

No. 202003



1. **Unique identification code of the product-type:**

MKEM-LSZH 450/750 V (H07Z1-K Type 1) Installation Wire

**Size:**

1x6 mm<sup>2</sup>; 1x10 mm<sup>2</sup>; 1x16 mm<sup>2</sup>; 1x25 mm<sup>2</sup>; 1x35 mm<sup>2</sup>; 1x50 mm<sup>2</sup>  
1x70 mm<sup>2</sup>; 1x95 mm<sup>2</sup>; 1x120 mm<sup>2</sup>; 1x150 mm<sup>2</sup>; 1x185 mm<sup>2</sup>; 1x240 mm<sup>2</sup>

2. **Intended use**

General power, lighting and switchboard wire in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

3. **Manufacturer**

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4. **System or systems of assessment and verification of constancy of performance of the construction product**

System 3

5. **Harmonised standard**

EN 50575:2014 + A1:2016

6. **Notified body code**

2652

7. **Declared performance**

Reaction to fire: **Dca-s1a, d1, a1**  
Dangerous substances: NPD

8. **The performance of the product identified in point 1 is in conformity with the declared performance in point 7**

This declaration of performance is issued under the sole responsibility of the manufacturer.

9. **Signed for and on behalf of:**

Kaarina 26.8.2020

Manufacturer:  
Helmacab Oy

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Oskari Vainio, R&D Manager