



# FOAMLOK 501

## DECLARATION OF PERFORMANCE

### SECTION 1: Product Name

Foamlok 501

### SECTION 2: Intended use

Thermal insulation for buildings

### SECTION 3: Manufacturer

ICYNENE LAPOLLA SPRL  
Clos Chapelle aux Champs, 30 B-1200 BRUSSELS  
BELGIUM

### SECTION 4: Authorised Representative

Not relevant

### SECTION 5: System of AVCP:

System 3

### SECTION 6: Harmonized Standard

Harmonized Standard EN 14315-1 and EN 12667

Notified Body NB 1390

### SECTION 7: Declared Performance

| Characteristic   | Performance  | Harmonized Standard          |
|--|--|------------------------------|
| Reaction to Fire   | Euroclass E  | EN 14315-1:2013 and EN 12667 |
| Water Permeability   | NPD  |                              |
| Thermal Resistance   | See attached table for values of declared thermal resistance   |                              |
| Water Vapor Permeability   | MU5,83   |                              |
| Compressive Strength   | NPD  |                              |
| Durability of reaction to fire against ageing/ degradation                       | Reaction to fire does not decrease with time   |                              |
| Durability of thermal resistance against ageing/ degradation( $\lambda_d, R_d$ ) | Declared thermal conductivity value after aging - see attached table for values of declared thermal resistance |                              |
| Durability compressive strength against ageing/ degradation                      | NPD  |                              |
| Continuous Glowing Combustion  | NPD  |                              |

Declared thermal resistance for all application thicknesses

| Thickness (mm) | Declared aged thermal conductivity $\lambda_d$ (W/mK) | Thermal resistance $R_d$ (m <sup>2</sup> K/W) | Thickness (mm) | Declared aged thermal conductivity $\lambda_d$ (W/mK) | Thermal resistance $R_d$ (m <sup>2</sup> K/W) |
|----------------|---|---|----------------|---|---|
| 50             | 0,039   | 1,25  | 230            | 0,039   | 5,85  |
| 55             | 0,039   | 1,40  | 235            | 0,039   | 6,00  |
| 60             | 0,039   | 1,50  | 240            | 0,039   | 6,15  |
| 65             | 0,039   | 1,65  | 245            | 0,039   | 6,25  |
| 70             | 0,039   | 1,75  | 250            | 0,039   | 6,40  |
| 75             | 0,039   | 1,90  | 255            | 0,039   | 6,50  |
| 80             | 0,039   | 2,05  | 260            | 0,039   | 6,65  |
| 85             | 0,039   | 2,15  | 265            | 0,039   | 6,75  |
| 90             | 0,039   | 2,30  | 270            | 0,039   | 6,90  |
| 95             | 0,039   | 2,40  | 275            | 0,039   | 7,05  |
| 100            | 0,039   | 2,55  | 280            | 0,039   | 7,15  |
| 105            | 0,039   | 2,65  | 285            | 0,039   | 7,30  |
| 110            | 0,039   | 2,80  | 290            | 0,039   | 7,40  |
| 115            | 0,039   | 2,90  | 295            | 0,039   | 7,55  |
| 120            | 0,039   | 3,05  | 300            | 0,039   | 7,65  |
| 125            | 0,039   | 3,20  | 305            | 0,039   | 7,80  |
| 130            | 0,039   | 3,30  | 310            | 0,039   | 7,90  |
| 135            | 0,039   | 3,45  | 315            | 0,039   | 8,05  |
| 140            | 0,039   | 3,55  | 320            | 0,039   | 8,20  |
| 145            | 0,039   | 3,70  | 325            | 0,039   | 8,30  |
| 150            | 0,039   | 3,80  | 330            | 0,039   | 8,45  |
| 155            | 0,039   | 3,95  | 335            | 0,039   | 8,55  |
| 160            | 0,039   | 4,10  | 340            | 0,039   | 8,70  |
| 165            | 0,039   | 4,20  | 345            | 0,039   | 8,80  |
| 170            | 0,039   | 4,35  | 350            | 0,039   | 8,95  |
| 175            | 0,039   | 4,45  | 355            | 0,039   | 9,10  |
| 180            | 0,039   | 4,60  | 360            | 0,039   | 9,20  |
| 185            | 0,039   | 4,70  | 365            | 0,039   | 9,35  |
| 190            | 0,039   | 4,85  | 370            | 0,039   | 9,45  |
| 195            | 0,039   | 5,00  | 375            | 0,039   | 9,60  |
| 200            | 0,039   | 5,10  | 380            | 0,039   | 9,70  |
| 205            | 0,039   | 5,25  | 385            | 0,039   | 9,85  |
| 210            | 0,039   | 5,35  | 390            | 0,039   | 10,00   |
| 215            | 0,039   | 5,50  | 395            | 0,039   | 10,10   |
| 220            | 0,039   | 5,60  | 400            | 0,039   | 10,25   |
| 225            | 0,039   | 5,75  |                |   |   |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

February 2021

DoP : Declaration of Performance

CPR : Construction Product Regulation

Declaration of Performance

DoP 101/02-2021



Pierre-Antoine BERTIER

EU Certification Director