



## HEATLOK HFO PRO

### DECLARATION OF PERFORMANCE

#### SECTION 1: Product Name

HEATLOK HFO PRO

#### 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 and NB 0679

#### SECTION 7: Declared Performance

| Characteristic                                                                   | Performance                                                                                                    | Harmonized Standard                |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------|
| Reaction to Fire                                                                 | Euroclass E                                                                                                    | EN 14315-1:2013<br>and<br>EN 12667 |
| Water Permeability                                                               | W0,23                                                                                                          |                                    |
| Thermal Resistance                                                               | See attached table for values of declared thermal resistance                                                   |                                    |
| Water Vapour Permeability                                                        | MU60                                                                                                           |                                    |
| Compressive Strength                                                             | CS(10Y)150                                                                                                     |                                    |
| 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                       | Compressive strength does not change with time                                                                 |                                    |
| Continuous Glowing Combustion                                                    | NPD                                                                                                            |                                    |

Declared thermal resistance for all application thicknesses

| Thickness (mm) | Declared aged thermal conductivity $\lambda_d$ (W/m.K) | Thermal resistance $R_d$ (m <sup>2</sup> .K/W) |
|----------------|--------------------------------------------------------|------------------------------------------------|
| 20             | 0,025                                                  | 0,80                                           |
| 25             | 0,025                                                  | 1,00                                           |
| 30             | 0,025                                                  | 1,20                                           |
| 35             | 0,025                                                  | 1,40                                           |
| 40             | 0,025                                                  | 1,60                                           |
| 45             | 0,025                                                  | 1,80                                           |
| 50             | 0,025                                                  | 2,00                                           |
| 55             | 0,025                                                  | 2,20                                           |
| 60             | 0,025                                                  | 2,40                                           |
| 65             | 0,025                                                  | 2,60                                           |
| 70             | 0,025                                                  | 2,80                                           |
| 75             | 0,025                                                  | 3,00                                           |
| 80             | 0,025                                                  | 3,20                                           |
| 85             | 0,025                                                  | 3,40                                           |
| 90             | 0,025                                                  | 3,60                                           |
| 95             | 0,025                                                  | 3,80                                           |
| 100            | 0,025                                                  | 4,00                                           |
| 105            | 0,025                                                  | 4,20                                           |
| 110            | 0,025                                                  | 4,40                                           |
| 115            | 0,025                                                  | 4,60                                           |
| 120            | 0,025                                                  | 4,80                                           |
| 125            | 0,025                                                  | 5,00                                           |
| 130            | 0,025                                                  | 5,20                                           |
| 135            | 0,025                                                  | 5,40                                           |
| 140            | 0,025                                                  | 5,60                                           |
| 145            | 0,025                                                  | 5,80                                           |
| 150            | 0,025                                                  | 6,00                                           |
| 155            | 0,025                                                  | 6,20                                           |
| 160            | 0,025                                                  | 6,40                                           |
| 165            | 0,025                                                  | 6,60                                           |
| 170            | 0,025                                                  | 6,80                                           |
| 175            | 0,025                                                  | 7,00                                           |
| 180            | 0,025                                                  | 7,20                                           |
| 185            | 0,025                                                  | 7,40                                           |
| 190            | 0,025                                                  | 7,60                                           |
| 195            | 0,025                                                  | 7,80                                           |
| 200            | 0,025                                                  | 8,00                                           |

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:

CPR : Construction Product Regulation  
Declaration of Performance  
DoP 021/01-2021



Pierre-Antoine BERTIER  
EU Certification Director

May 2021