

# CERTIFICATE

Number of certificate: **035-FIW-1-386.0-02**

Holder of certificate: Fragmat Tim d.o.o.  
Spodnja Rečica 77  
3270 Laško, Slovenia

Manufacturing plant: Fragmat Tim d.o.o.  
1000 Ljubljana  
Slovenia

Product: **"FRAGMAT EPS F 039"**

Product description: Factory made expanded polystyrene (EPS) products according to EN 13163:2012+A1:2015 for the application as thermal insulation products for buildings (details see annex)



**035**

**FIW-1-386.0-02**

Certified properties: All properties checked once a year per level or class and nominal value by a notified body during routine tests. Regular sampling of products and monitoring of factory production control by the empowered certification body.

This certificate entitles to use the above conformity mark in connection with the number of certificate **035-FIW-1-386.0-02**. The certificate was issued for the first time on the 06.03.2019, is confirmed after successful testing and remains valid as long as the factory production control requirements, the product, and the manufacturing conditions in the plant do not change significantly (but not longer than 06.03.2021).

Gräfelfing, 06 March 2019



Head of Certification Body  
*W. Albrecht*  
Dipl.-Ing. (FH) Wolfgang Albrecht

# ANNEX to CERTIFICATE

035-FIW-1-386.0-02

Product: **"FRAGMAT EPS F 039"**

Product description: Factory made expanded polystyrene (EPS) products according to EN 13163:2012+A1:2015 for the application as thermal insulation products for buildings, white block foam.

Holder of certificate: Fragmat Tim d.o.o., Spodnja Rečica 77, 3270 Laško, Slovenia

Manufacturing plant: Fragmat Tim d.o.o., 1000 Ljubljana, Slovenia

## FRAGMAT EPS F 039:

Properties acc. designation code:	Level or class	Testing frequency
EPS EN 13163-T(1)-L(2)-W(2)-S(2)-P(5)-BS115-DS(N)2-DS(70,-)1-TR150		
<u>Thermal conductivity</u> (EN 12667) Lambda declared $\lambda_D$ :	0,039 W/(m·K)	1 x per year
Reaction to fire class (EN 13501-1):	E	1 x every two years
Thickness (EN 823):	T(1) ( $\pm 1$ mm)	1 x per year
Length und width (EN 822):	L(2), W(2) ( $\pm 2$ mm)	1 x per year
Squareness (EN 824):	S(2) ( $\pm 2$ mm/m)	1 x per year
Flatness (EN 825):	P(5) (5 mm)	1 x per year
Bending strength (EN 12089):	$\geq 115$ kPa	1 x per year
Tensile strength (EN 1607):	$\geq 150$ kPa	1 x per year
<u>Dimensional stability</u> at 23 °C / 50 % R.H. (EN 1603): at 70 °C, 48 h (EN 1604):	DS(N)2 ( $\leq 0,2$ %) DS(70,-)1 ( $\leq 1$ %)	1 x per year 1 x per year

Gräfelfing, 06 March 2019



Head of Certification Body

*W. Albrecht*

Dipl.-Ing. (FH) Wolfgang Albrecht