

CERTIFICATE

Number of certificate: **035-FIW-1-401.0-02**

Holder of certificate: FRAGMAT TIM d.o.o.
Spodnja Rečica 77
3270, Laško
Slovenia

Manufacturing plant: Fragmat TIM d.o.o.
1380 CERKNICA
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)

Certification basis: European Insulation Keymark Scheme for Thermal Insulation Products, Revision: 2.1



035

FIW-1-401.0-02

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-1-401.0-02**. The certificate was first issued on 09.11.2023 and will remain 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 31.12.2025).

Gräfelfing, 09.12.2024



Certification Body

Dr. Andreas Schmeller
Dr. Andreas Schmeller

A publication of extracts or a referring to the Keymark certificate and its annex requires the prior written approval of FIW München. Certification body accredited by DAkkS according to DIN EN ISO/IEC 17065:2013. The accreditation is only valid for the scope of accreditation listed in the annex of certificate D-ZE-14116-01-00.

Forschungsinstitut für Wärmeschutz e. V. München
Lochhamer Schlag 4 · 82166 Gräfelfing · Germany

Telephone: +49 89 858000 · Telefax: +49 89 8580040
E-mail: info@fiw-muenchen.de · Website: www.fiw-muenchen.de



ANNEX to CERTIFICATE

035-FIW-1-401.0-02

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 block foam - white

Holder of certificate: FRAGMAT TIM d.o.o., Spodnja Rečica 77, 3270 Laško, Slovenia

Manufacturing plant: Fragmat TIM d.o.o, 1380 CERKNICA, Slovenia

FRAGMAT EPS F:

Properties acc. designation code:	Level or class	Testing frequency
EPS EN 13163-T(1)-L(2)-W(2)-S(2)-P(3)-BS115-DS(N)2-DS(70,-)1-TR150		
<u>Thermal conductivity</u> (EN 12667) Lambda declared λ_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)	1 x per year
Length und width (EN 822):	L(2), W(2)	1 x per year
Squareness (EN 824):	S(2)	1 x per year
Flatness (EN 825):	P(3)	1 x per year
Bending strength (EN 12089):	≥ 115 kPa	1 x per year
Tensile strength (EN 1607):	≥ 150 kPa	1 x per year
<u>Dimensional stability</u> at 23 °C, 50 % R.H. (EN 1603):	DS(N)2	1 x per year
at 70 °C, 48 h (EN 1604):	DS(70,-)1	1 x per year

Gräfelfing, 09.12.2024

Certification Body

Dr. Andreas Schmeller

