



INDUSTRY & FACILITIES DIVISION

CERTIFICATE OF CONFORMITY

N° 28/X54/1/3752371/1001/1

Examined the technical documentation about the analysis report according to the reverse, the summary results of the performance tests on the above mentioned models are as follows for the product:

TECH Wired Mat MT 5.1
TECH Wired Mat MT 5.1 X
TECH Wired Mat MT 5.1 X-X

Type III ASTM C592

PROPERTIES	UNITS	STANDARD	RESULTS							
Maximum Use Temperature	°C (°F)	EN 14706 ASTM C447/C411	660 (1220) 700 (1292)							
Apparent Thermal Conductivity	°C °F	EN 14303/12667 ASTM C177	50 122	100 212	200 392	300 572	400 752	500 932	600 1112	650 1202
	mW/(mK)		39	45	61	81	106	137	175	197
Linear Shrinkage at maximum use temperature	%	ASTM C356	<3.2							
Water Vapor Sorption	%	ASTM C1104	0.02							
Maximum-Flame Spread Index (FSI)	Euroclase	ASTM E84	0							
Maximum Smoke Developed Index (SD)		ASTM E84	5							
Reaction Fire		EN 13501-1	A1							
Density	Kg/m ³ lb/ft ³	EN 1602 ASTM C167	100 6,24							
Corrosion	----	ASTM C795 ASTM C692	For use in Contact with Austenitic Stainless Steel. For use according to US Atomic Energy Commission Regulatory Guide 1.36							

Date of issue: 18/12/2018

Expiration date: 18/12/2023

(1) : For more information, see the referenced reports.

- a) Examined the technical documentation about Selected Test on mentioned product carried out at R&D Services, with references RD18769, RD18770, RD18771, RD18772 & RD18773 dated 02/11/2018, about mentioned product.
- b) Examined the technical documentation about the Surface Burning Characteristics according to ASTM E84 carried out at EXOVA, with reference 18-002-467(B) dated 20/08/2018, about mentioned product.
- c) Examined the technical documentation about the analysis report according to ASTM C871 carried out at SOCOR, with dossier reference SOC18-5385 dated 06/06/2018, about raw material.
- d) Examined the technical documentation about Declaration of Performance by SAINT-GOBAIN ISOVER POLAND, PL0002-WNM5.1-w2 dated 03/04/2017, about mentioned product.
- e) Examined the technical documentation about Technical Data Sheet by SAINT-GOBAIN ISOVER, reference ISOVER-TDS-Industry-INT-ENG-TECH Wired Mat MT 5.1 dated 10/01/2018, about mentioned product.
- f) Examined the technical documentation about the thermal conductivity tests according to EN 12667 (comparable with ASTM C177 through ISO 8302) carried out at INSTYTUT MECHANIZACJI, with the reference Report No. 26/17/OWU/M-1/ λ_{GHP} dated 10/03/2017, about mentioned product.

