

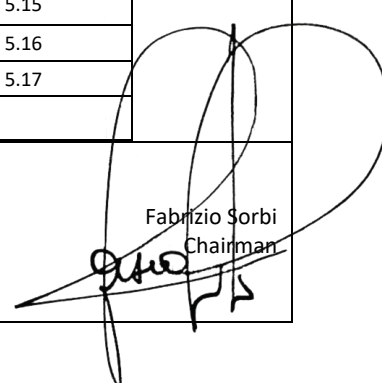


DECLARATION OF PERFORMANCE

In accordance with Construction Product Reg. EU N° 305/2011
N. 0051-CPR-1995-A31TBW rev.1

1.	Unique product identification code:	A31TB (EAN code 8032496173021) (BLACK finish) A31TW (EAN code 8032496173038) (WHITE finish)
2.	Type batch, serial number:	A31TB / A31TW
3.	Intended use of the construction product:	EN54-24 Fire detection and fire alarm system – part 24: Component of voice alarm system: Loudspeaker SURFACE MOUNT SPEAKER (Environmental type B)
4.	Name, registered trademark of the manufacturer and contact address:	Proel S.p.A. Via Alla Ruenia, 37/43 – 64027 Sant’Omero (TE) - Italy
5.	Authorized Representative:	Not Applicable
6.	System of assessment:	1
7.	Declaration of performance:	The Notified Body n. 0051 IMQ S.p.A., by product type testing, inspection of manufacturing plant, inspection of factory production control as system 1 requirements, has issued in date 2020 April 06 the Certificate of Constancy of Performance N. 0051-CPR-1995
8.	European Technical Assessment:	Not Applicable

9.	Declared performance: EN54-24:2008 Harmonised technical specification		
	Essential Characteristics	Performance	Clause
	Performance parameters under fire conditions		
	Frequency response limits	pass	4.2
	Reproducibility	pass	5.2
	Rated impedance	pass	5.3
	Horizontal and vertical coverage angles	pass	5.4
	Maximum sound pressure level	pass	5.5
	Operational reliability		
	Durability	pass	4.3
	Construction	pass	4.4
	Marking and data	pass	4.5
	Rated noise power (durability)	pass	5.6
	Enclosure of the loudspeaker	pass	5.18
	Durability of operational reliability, temperature resistance		
	Dry heat (operational)	pass	5.7
	Dry heat (endurance)*	pass	5.8
	Cold (operational)	pass	5.9
	Durability of operational reliability, humidity resistance		
	Damp heat, cyclic (operational)	pass	5.10
	Damp heat, steady state (endurance)	pass	5.11
	Damp heat, cyclic (endurance)*	pass	5.12
	Durability of operational reliability, corrosion resistance		
	Sulphur dioxide (SO ₂) corrosion (endurance)	pass	5.13
	Durability of operational reliability, impact and vibration resistance		
	Shock (operational)	pass	5.14
	Impact (operational)	pass	5.15
	Vibration, sinusoidal (operational)	pass	5.16
	Vibration, sinusoidal (endurance)	pass	5.17
	* Not applicable for components declared as Type A		

10	The performance of the product identified in sections 1 and 2 is in conformity with the declared performance in section 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.	Sant’Omero May 26 2020 Signed for and on behalf of the manufacturer	 Fabrizio Sorbi Chairman
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