


# Declaration of Performance

## DoP-No: SK002279/2023

1. Identification code of the product type:	Apollo Mono APM/3E/800/800/S400/H/F/A2/R/M1B24/X/FX/4/X/W0	
2. Identification:	SK002279/2023	
3. Intended use of the product:	NSHEV for smoke and heat control in construction works	
4. Manufacturer:		
5. Authorised representative:	0	
6. System of assessment of performance:	System 1	
7. Notified body/laboratory:	TÜV Rheinland Nederland B.V., NB 0336, carried out the initial type tests of the product, the factory production control by the manufacturer, performs the continuous surveillance according system 1 and issued the EC-Certificate of Constancy of Performance 0336 - CPR - 89209493-01.	
	System 3: Efectis Nederland B.V., NB 1234, performed the determination of the product type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product. The manufacturer Colt International, performed the factory production controle.	
8. Declared performance:		
<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonized technical specification</b>
<b>Nominal activation conditions / sensitivity:</b> - Initiation device - Opening mechanism	not fitted fitted	EN 12101-2:2003
<b>Response delay (response time):</b>	≤ 60 s	
<b>Operational reliabilities:</b> - Reliability - Wind load	Re 1000 (dual purpose) WL 7141	
<b>Effectiveness of smoke/hot gas extractions:</b> - Aerodynamic free area (Aa)	0,44 m <sup>2</sup>	
<b>Performance parameters under fire conditions, as:</b> - Resistance to heat - Fire resistance - mechanical stability	B 300 $\Delta A_{throat} \leq 10 \%$	
<b>Ability to open under environmental conditions</b> - Opening under load - Low ambient temperature	SL 2711 T(-15)	
<b>Reaction to fire:</b>	E	
<b>Resistance to upward load</b>	UL7141	EN 1873:2014+A1:2016
<b>Resistance to downward load</b>	DL3500	
<b>Reaction to fire</b>	E	
<b>External fire performance</b>	NPD	
<b>Water tightness</b>	Pass	
<b>Impact resistance</b> - Small hard body - Large, soft body	Pass SB1200	
<b>Thermal transmittance</b> - $U_{rc, ref300}$ - $A_{rc, ref300}$	NPD NPD	
<b>Direct airborne sound insulation</b> - $R_w$ (Ctr, C)	NPD	
<b>Radiation properties</b> - TD65-value/ - g-value	NPD NPD	
<b>Air permeability</b>	Class B	
<b>Durability</b>	NPD	
<b>Dangerous substances</b>	NPD	

9. 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:

Marcel Hanecak, Operations Manager

Krompachy, 13-07-2023



Signature