

## DECLARATION OF PERFORMANCE

### 2434-CPR-0352

- 1. Unique identification code of the product-type:** Fire curtain, type MD RS
- 2. Intended Use(s):** To be used as a vertical, mobile partition to close the passage between fire separation zones at industrial premises and public buildings, multifamily residential buildings and other construction facilities
- 3. Supplier:** Mercor Dunamenti Zrt. H-2131 Göd, Nemeskéri-Kiss Miklós út 39., Hungary
- 4. System/s of AVCP:** System 1, System 3
- 5. Harmonized standard:** EN 16034:2014, EN13241:2003+A2:2016
- 6. Notified body:** Nr 2434 - Centrum Techniki Okrętovej S.A. Szczecińska 65, 80-396 Gdansk. Certificate of constancy of performance No 2434-CPR-0352  
Unit performing mechanical tests in accordance with PN-EN 13241+A2:2016: Nr 2310 - Laboratorium Badawcze i Wzorujące „CERTBUD” Sp. z o.o. ul. Bukowiecka 92, 03-893, Warszawa and Nr 1396 - FIRES, s.r.o. Osloboditeľov 282, 059 35 Batizovce, Slovakia
- 7. Declared performance(s):**

Harmonized standard: EN 16034:2014					
Essential Characteristics	Requirements EN 16034:2014	Level(s) or Class(es) of Performance			
		(EI60)	(EI90)	(EI120)	
<b>Resistance to Fire:</b>	4.1	EI <sub>15</sub> /EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub> EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub> EW <sub>20</sub> /E <sub>20</sub> EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub> EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub> EI <sub>20</sub> /EI <sub>20</sub> /EI <sub>20</sub>	EI <sub>15</sub> /EI <sub>15</sub> /EI <sub>15</sub> EI <sub>20</sub> /EI <sub>20</sub> EW <sub>20</sub> /E <sub>20</sub> EI <sub>30</sub> /EI <sub>30</sub> EW <sub>30</sub> /E <sub>30</sub> EI <sub>45</sub> /E <sub>45</sub> EI <sub>60</sub> /EI <sub>60</sub> /EI <sub>60</sub> EI <sub>90</sub> /EI <sub>90</sub> /EI <sub>90</sub>	EI <sub>15</sub> /EI <sub>15</sub> /EI <sub>15</sub> EI <sub>20</sub> /EI <sub>20</sub> EW <sub>20</sub> /E <sub>20</sub> EI <sub>30</sub> /EI <sub>30</sub> EW <sub>30</sub> /E <sub>30</sub> EI <sub>45</sub> /E <sub>45</sub> EI <sub>60</sub> /EI <sub>60</sub> /EI <sub>60</sub> EI <sub>90</sub> /EI <sub>90</sub> /EI <sub>90</sub>	EI <sub>15</sub> /EI <sub>15</sub> /EI <sub>15</sub> EI <sub>20</sub> /EI <sub>20</sub> EW <sub>20</sub> /E <sub>20</sub> EI <sub>30</sub> /EI <sub>30</sub> EW <sub>30</sub> /E <sub>30</sub> EI <sub>45</sub> /E <sub>45</sub> EI <sub>60</sub> /EI <sub>60</sub> /EI <sub>60</sub> EI <sub>90</sub> /EI <sub>90</sub> /EI <sub>90</sub> EI <sub>120</sub> /EI <sub>120</sub> /EI <sub>120</sub>
<b>Smoke control:</b>	4.2	NPD or S <sub>a</sub> , S <sub>200</sub> *			
<b>Ability to release:</b>	4.3	Released			
<b>Self-closing:</b>	4.4	C			
<b>Durability of ability to release:</b>	4.5.1	Released maintained			
<b>Durability of self-closing - against degradation (cycling testing)</b>	4.5.2.1	Category of use 0, 1 or 2 *			
<b>Durability of self-closing - against ageing (corrosion)</b>	4.5.2.2	achieved			

Harmonized standard: EN 13241:2003+A2:2016		
Essential Characteristics	Requirements EN 13241:2003 +A2:2016	Level(s) or Class(es) of Performance
<b>Watertightness</b>	4.4.1	NPD
<b>Release of dangerous substances</b>	4.2.9	NPD
<b>Resistance to wind load</b>	4.4.3	NPD or Class 1, 2 or 3 *
<b>Thermal resistance</b>	4.4.5	NPD
<b>Air permeability</b>	4.4.6	NPD
<b>Safe opening</b>	4.2.8	Meets the requirements
<b>Definition of geometry of glass components</b>	4.2.5	NPD
<b>Mechanical resistance and stability</b>	4.2.3	Meets the requirements
<b>Operating forces</b>	4.3.3	NPD
<b>Durability of watertightness, thermal resistance and air permeability against degradation</b>	4.4.7	NPD

\*) According to the CE marking on the product

NPD – no performance determined

The performance of 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 supplier identified above.

Signed for and behalf of the supplier by:  
Tibor Sebestyén – General Manager  
Mercor Dunamenti Zrt.  
H-2131 Göd, Nemeskéri-Kiss Miklós út 39., Hungary

Date: Budapest, 11.03.2024

  
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