

## DECLARATION OF PERFORMANCE

No. 2210657

1. Unique identification code of the product-type:  
Modular unit Trimo, type 10', 15', 16', 20'

2. Intended use/es:

For temporary or permanent construction of one to three-storey buildings (construction containers, sanitary units, business and administrative buildings, buildings with comparable use of this comparable indoor climate) in non-seismic areas.

3. Manufacturer:

Trimo MSS d.o.o., Prijateljva cesta 12, 8210 Trebnje, Slovenia.

4. Authorised representative: Not applicable

5. System/s of AVCP: System 1

6a. Harmonised standard: Not applicable

6b. European Assessment Document: ETAG 023 used as EAD

European Technical Assessment: ETA-15/193

Technical Assessment Body: TAB – ZAG Ljubljana

Notified body/ies: NB 1404 – ZAG Ljubljana

Certificate of constancy of performance No. 1404 - CPR – 2570, issued by NB 1404-ZAG Ljubljana.

7. Declared performances: see page 2

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Not applicable

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.

Statement valid for next Modular unit Nr.: 72982

Signed for and on behalf of the manufacturer by:

Marjeta Štepec

General Manager

**TRIMO**  
TRIMO MSS D.O.O.  
PRIJATELJEVA CESTA 12  
8210 TREBNJE



Trebnje, 26.08.2021

Declared performances Modular unit Trimo, type 10', 15', 16', 20':

<b>Dimension, tolerances and material properties</b>		
System steel	S235 or S355	EN 10025-2
Roof and floor skin made of galvanized steel sheet	DX51D	EN 10327
<b>Safety in case of fire</b>		
Components satisfy the requirements of	Class A1	EN 13501-1
<b>Corrosion protection</b>		
Protection is sufficiently for use in city and industry atmosphere	C3	EN ISO 12944-2

<b>METHODS OF VERIFICATION</b>			
<b>Essential Requirement</b>			
<b>1. Mechanical resistance and stability</b>	Width (mm)		Unit
	2435	2989	mm
Maximum imposed ground floor load	2.00	2.00	kN/m <sup>2</sup>
Maximum imposed 1st floor load	2.00	2.00	kN/m <sup>2</sup>
Maximum imposed 2nd floor load	2.00	-	kN/m <sup>2</sup>
Maximum imposed roof snow load	1.00	1.00	kN/m <sup>2</sup>
Maximum imposed wind roof load	-0.50 <sup>1</sup>	-0.33 <sup>2</sup>	kN/m <sup>2</sup>
Maximum project wind load pressure	0.50 <sup>1</sup>	-0.50 <sup>2</sup>	kN/m <sup>2</sup>
Maximum project wind load suction	-0.31 <sup>1</sup>	-0.24 <sup>2</sup>	kN/m <sup>2</sup>
Characteristic racking strength <sup>5</sup> in the short direction	319	302 <sup>2</sup>	kN/m
Characteristic racking strength <sup>5</sup> in the long direction <sup>6</sup>	224	224	kN/m
Design loads to foundation at each column single storey	30 (30) <sup>3</sup>	30 (30) <sup>3</sup>	kN/m
Design loads to foundation at each column two storey	50 (30) <sup>3</sup>	50 (30) <sup>3</sup>	kN/m
Design loads to foundation at each column three storey	70 (30) <sup>3</sup>	-	kN/m
The maximum number of storey heights supported	3	2	
<sup>1</sup> Calculated wind load according EN 1991-1-4 for wind speed V= 21 m/s <sup>2</sup> Calculated wind load according EN 1991-1-4 for wind speed V= 20 m/s <sup>3</sup> Mid-base, see ETA-15-0193, Annex 6 <sup>4</sup> Defined by calculation <sup>5</sup> Maximum height of container <sup>6</sup> According to "push over" analysis			

<b>2. Safety in case of fire</b>		
Reaction to fire	Class A1	EN 13501-1
Resistance to fire, external fire performance of the roof covering, fire compartmentation	NPD	
<b>3. Hygiene, health and the environment</b>		
Hygiene, health and environment, vapour permeability and moisture resistance, watertightness	NPD	
Release of dangerous substance	Hazards identification: according to GHS/CLP EC N°1272/2008 the product is not classified.	
<b>4. Safety in use</b>	NPD	
<b>5. Protection against noise</b>	NPD	
<b>6. Energy economy and heat retention</b>	NPD	
<b>7. Durability and serviceability</b>	ER1, ER2, ER3	