

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., Prijateljeva 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:

Metka 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':

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

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

2. Safety in case of fire		
Reaction to fire	Class A1	EN 13501-1
Resistance to fire, external fire performance of the roof covering, fire compartmentation	NPD	
3. Hygiene, health and the environment		
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.	
4. Safety in use	NPD	
5. Protection against noise	NPD	
6. Energy economy and heat retention	NPD	
7. Durability and serviceability	ER1, ER2, ER3	