

## 2. DECLARATION OF PERFORMANCE Nr.: 0

1. Unique identification code of the product-type:

**Modular unit TRIMO**

2. Type, batch or serial number or any other element allowing identification of the construction product:

**Modular unit TRIMO Type: 10', 15', 16', 20'**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**for temporary or final, one - to maximum three-storey buildings (e.g. building site containers, sanitary units, office and administration buildings or buildings with comparable indoor climate and comparable use). The intended use shall be assessed in the individual case depending on the climatic boundary conditions. The buildings have not been assessed for use in seismic zones.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

**TRIMO MSS d.d. Prijateljeva ulica 12, 8210 Trebnje, Slovenija**

5. Where applicable, name and contact address of the authorised representative whose mandate covers:

**Not relevant**

6. System or systems of assessment and verification of constancy of performance of the construction:

**System 1**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**Not relevant**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment

**Body No. 1404 ZAG Zavod za gradbeništvo, Dimičeva 12, Ljubljana, Slovenija**

**Has performed product determination test, first survey of the production facility and internal quality control procedure, assessment of the quality control procedures in the production, perform continuous supervision and issued certificate of uniformity**

**No. 1404-CPR-2570**

9. Declared performance:

**Technical sheet of Modular unit TRIMO**

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Trebnje: 9. 05. 2018



Marjeta Štepec,  
General Manager

## Technical sheet of Modular unit TRIMO

### CARACTERISTICS OF PRODUCT

#### Dimension, tolerances and material properties

- System steel	S235 or S355	EN 10025-2:2004
- Roof and floor skin made of galvanized steel sheet	DX51D	EN 10327:2004

#### Safety in case of fire

- Components satisfy the requirements of	Class A1	EN 13501-1:2007+A1:2009
------------------------------------------	----------	-------------------------

#### Corrosion protection

- Protection is sufficiently for use in city and industry atmosphere	C3	EN ISO 12944-2:1998
----------------------------------------------------------------------	----	---------------------

### METHODS OF VERIFICATION

#### Essential Requirement

#### 1. Mechanical resistance and stability

	Width (mm)		Unit
	2435	2989	
- Maximum imposed ground floor load	2.00	2.00	kNm <sup>-2</sup>
- Maximum imposed 1st floor load	2.00	2.00	kNm <sup>-2</sup>
- Maximum imposed 2nd floor load	2.00	-	kNm <sup>-2</sup>
- Maximum imposed roof snow load	1.00	1.00	kNm <sup>-2</sup>
- Maximum imposed wind roof load	-0.50 <sup>1</sup>	-0.33 <sup>2</sup>	kNm <sup>-2</sup>
- Maximum project wind load pressure	0.50 <sup>1</sup>	0.50 <sup>2</sup>	kNm <sup>-2</sup>
- Maximum project wind load suction	0.31 <sup>1</sup>	0.24 <sup>2</sup>	kNm <sup>-2</sup>
- Characteristic racking strength <sup>5</sup> in the short direction	319	302 <sup>6</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
- Design loads to foundation at each column two storey	50 (30) <sup>3</sup>	50 (30) <sup>3</sup>	kN
- Design loads to foundation at each column three storey	70 (30) <sup>3</sup>		kN
- 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 annex 6

<sup>4</sup> Defined by calculation

<sup>5</sup> Maximum height of container

<sup>6</sup> According to "push over" analysis

#### 2. Safety in case of fire

- Reaction to fire	Class A1	EN 13501-1:2007+A1:2009
- Resistance to fire, external fire performance of the roof covering, fire compartmentation	No performance determined	

#### 3. Hygiene, health and the environment

- Hygiene, health and environment, vapour permeability and moisture resistance, watertightness	No performance determined	
- Release of dangerous substance	Do not contain harmful or dangerous substances as defined in the Regulation (EC) No. 1907/2006	

#### 4. Safety in use

No performance determined

#### 5. Protection against noise

No performance determined

#### 6. Energy economy and heat retention

No performance determined

