



## BUILDING RESEARCH INSTITUTE - NISI

NOTIFIED CERTIFICATION BODY

Identification number **NB 2032** of the European Commission

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# CERTIFICATE OF CONSTANCY OF PERFORMANCE



No **2032-CPR-12.13C**

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

## **SUSPENDED CEILING KITS (SYSTEMS)** type **CHPL1 64\*64** and type **CHPL2 64\*128**, with reaction to fire class **C-S1-d1** according to **EN 13501-1:2007+A1:2009** and with components shown in the Annex to the Certificate **FOR INTERNAL CEILINGS**

placed on the market by

**EST Panel Sistemleri San. ve Tic. Ltd. Şti.,**

Velimeşe OSB mah. 244 Sokak No. 3/2, 59930, Ergene/Tekirdağ, Turkey

and produced in the manufacturing plant of

**EST Panel Sistemleri San. ve Tic. Ltd. Şti.,**

Velimeşe OSB mah. 244 Sokak No. 3/2, 59930, Ergene/Tekirdağ, Turkey

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

**EN 13964:2014**

**under system 1 are applied and that  
the products fulfil all the prescribed requirements set out above.**

The certificate supersedes the Certificate of constancy of performance No 2032-CPR-12.13B issued on 17 August 2018, first issued on 18 January 2013, and will remain valid until 30 March 2023, as long as the AVCP methods nor the manufacturing conditions in the plant are modified significantly.

**Res.Assoc.Dr.Eng. Victoria Vassileva**  
Head of the Notified Body

**Maya Koseva**  
General Manager of NISI



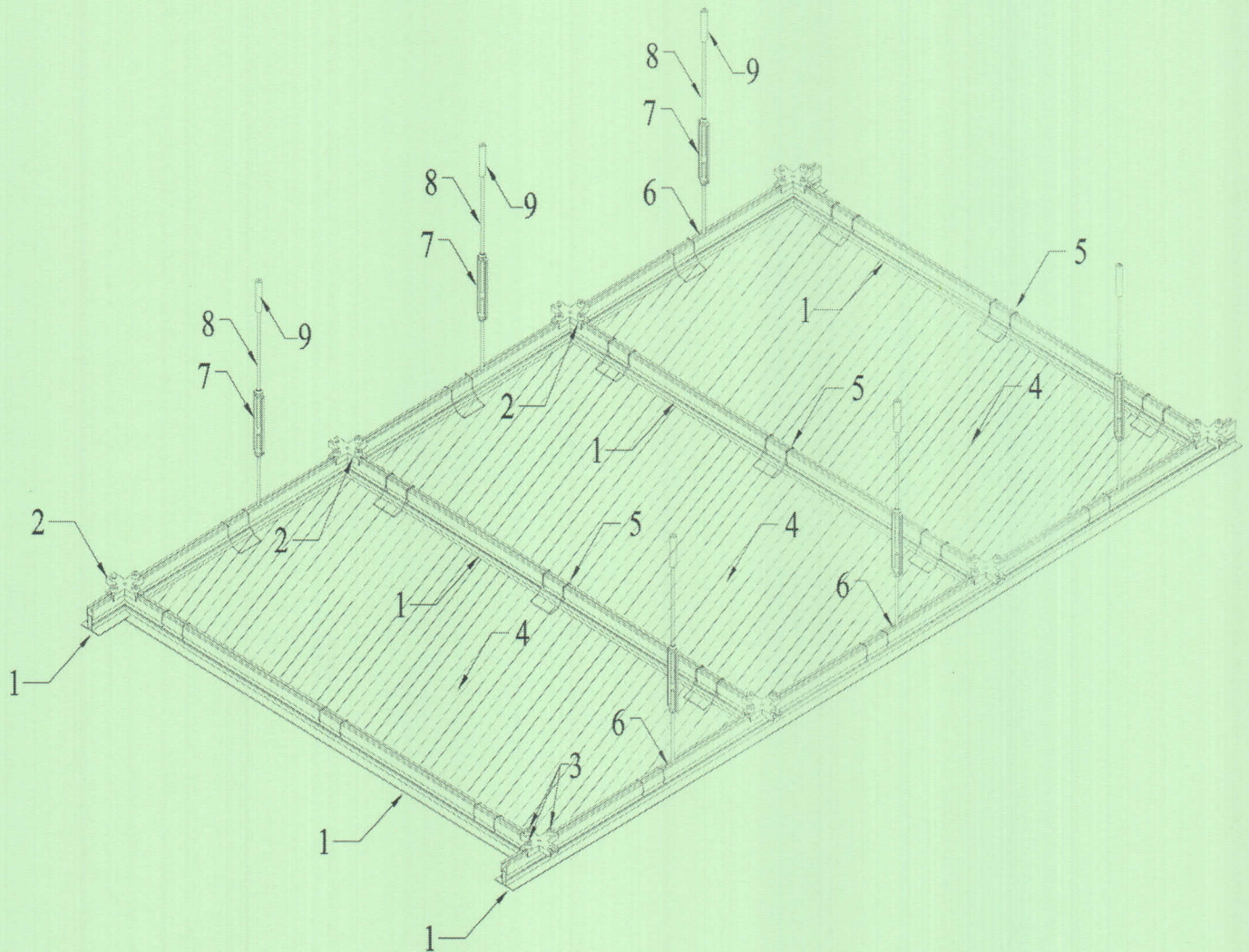
Sofia, 31.03.2020

This certificate incorporates an annex of 6 pages, which is an integrant part of it.



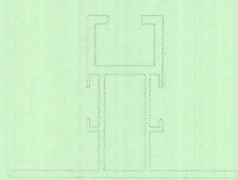
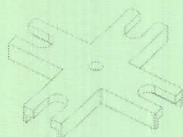
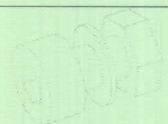
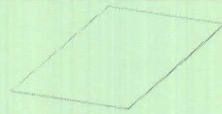


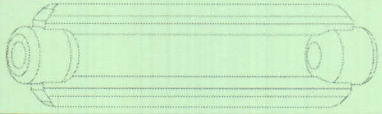
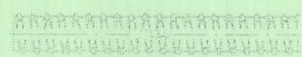
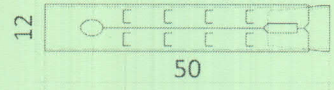
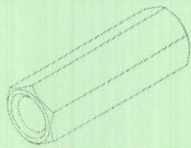

## Components of the suspended ceiling kits (systems) type CHPL1 64\*64 and type CHPL2 64\*128 for internal ceilings

### 1. Figure showing the components position in the assembled system





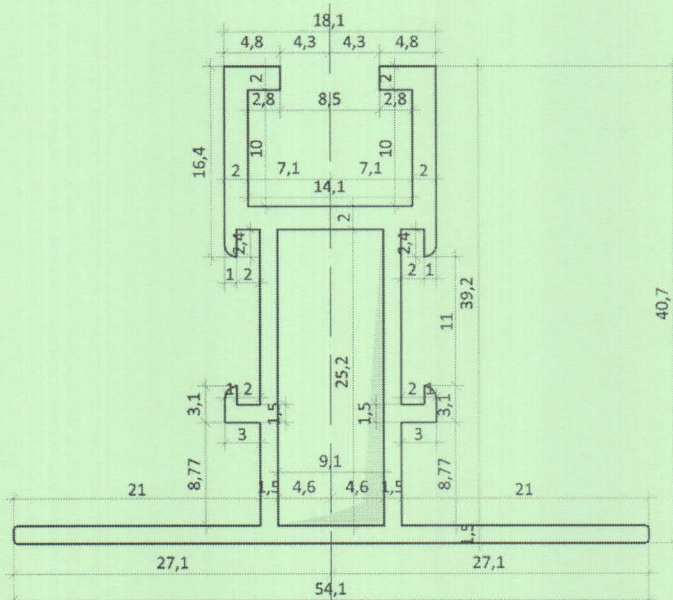
## 2. List of the components of the system shown in section 1

Position number	Description	Scheme
1	Metallic beamgrid of extruded aluminum profiles according EN 15088:2005, made from aluminum alloy EN AW6060-T66, with chemical composition according to EN 573-3:2014 and mechanical characteristics according EN 755-2:2016	
2	Cross-shaped plastic connectors of polyamide, reinforced with up to 30% glass fibres	
3	Imbus bolts M8 grade 8.8 with length 16 mm according to EN ISO 4762:2004 with washers M8 according to EN ISO 7089:2003 and nuts M8 according to EN ISO 4032:2012	
4	HPL – panels with dimensions 5/640/640 mm or 5/640/1280 mm with declared reaction to fire class B-s2-d0 or better	
5	Steel clamping brackets, cold formed of steel Ø2,5 mm, S235JR according to EN 10025, hot dip galvanized	
6	Steel plates with threaded hole for studs M8, of steel S235JR according to EN 10025, hot dip galvanized	
7	Left and right-hand threaded muffs for studs M8, galvanized. Produced according to DIN 1480	
8	Hangers – steel studs M8, metric threaded, hot dip galvanized, with length 200-1500 mm of steel S235JR according to EN 10025	
9	Anchors for concrete with metric thread for studs M8; mounted in a hole Ø12 with depth 55 mm	
10	Muffs (couplers) M8 , metric threaded, galvanized	
11	Ceiling boards of extruded aluminum profiles according EN 15088:2005, made from aluminum alloy with designation EN AW6060-T66, with chemical composition according to EN 573-3:2014 and mechanical characteristics according EN 755-2:2016	

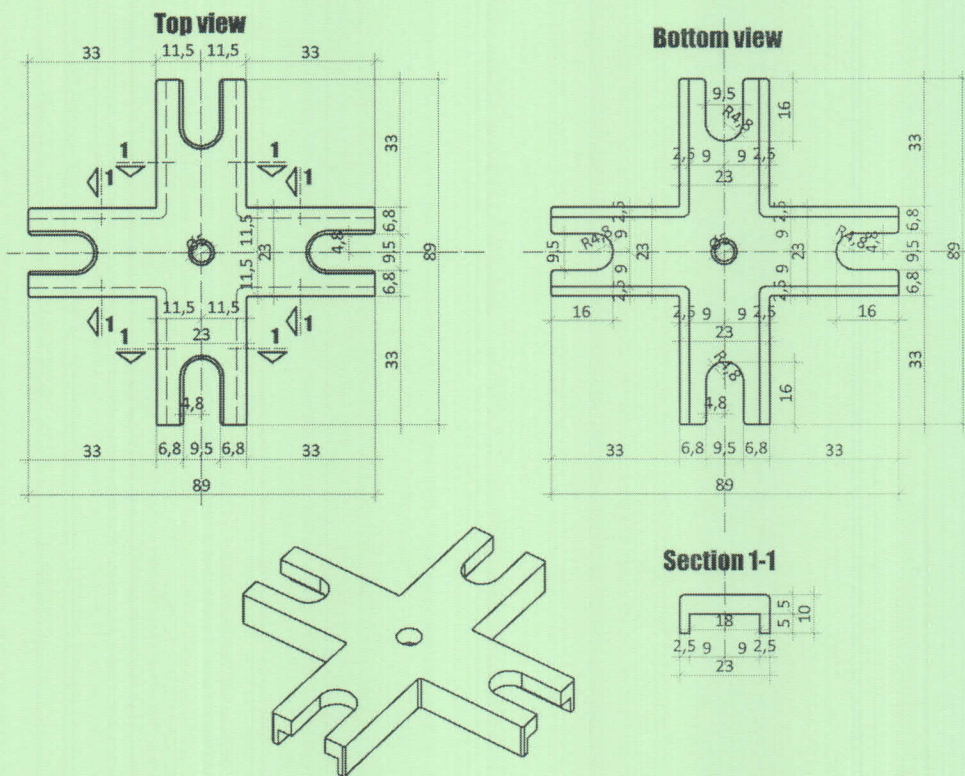


### 3. Shape and dimensions of the consisting components, positions No. 1, 2, 5, 6, 7, 10 and 11 according to section 2 of the Annex

**Position 1** - Extruded aluminum profiles according EN 15088:2005, made from aluminum alloy EN AW6060-T66, with chemical composition according to EN 573-3:2014 and mechanical characteristics according to EN 755-2:2016

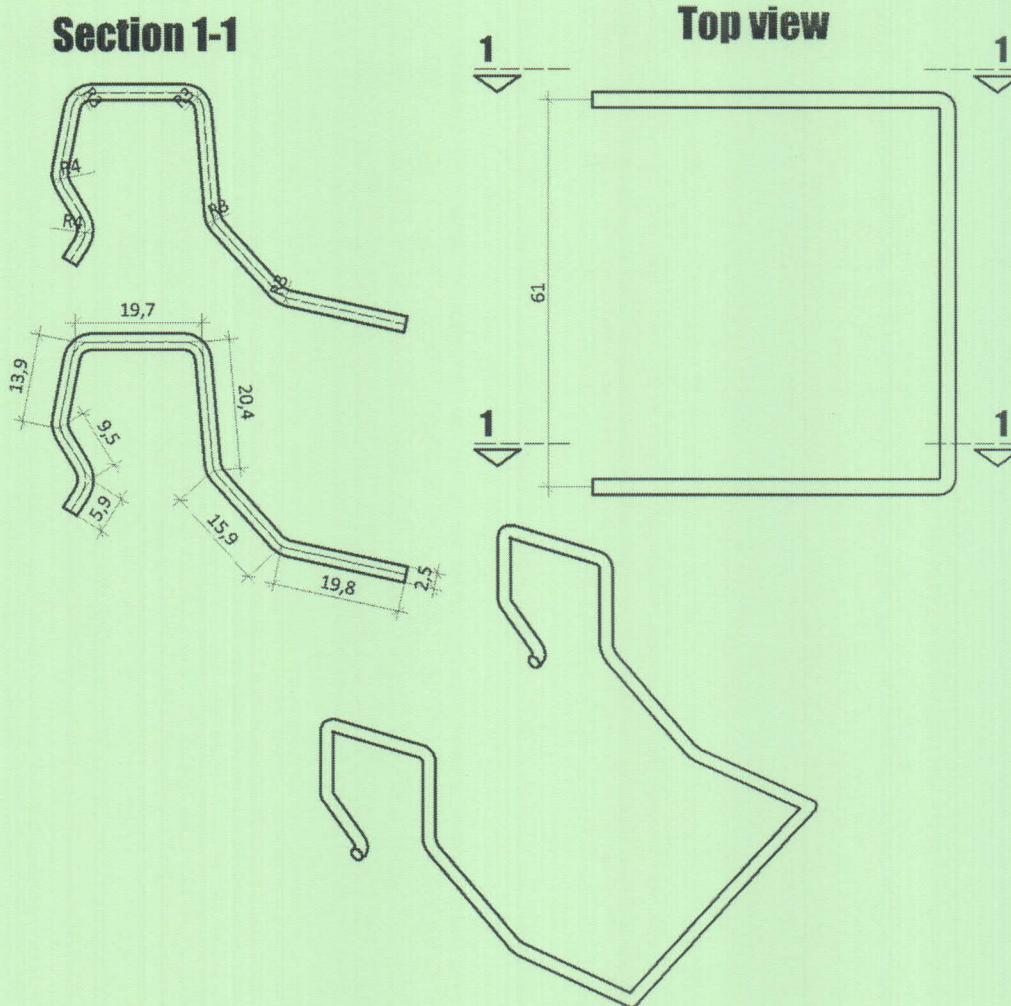


**Position 2** - Cross-shaped plastic connectors of polyamide, reinforced with up to 30% glass fibres

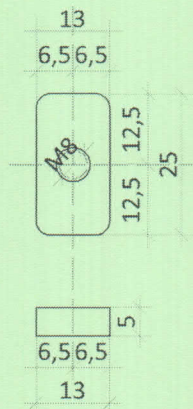




**Position 5 - Steel clamping brackets  $\varnothing 2,5$  mm, cold formed, steel S235JR according to EN 10025, hot dip galvanized**

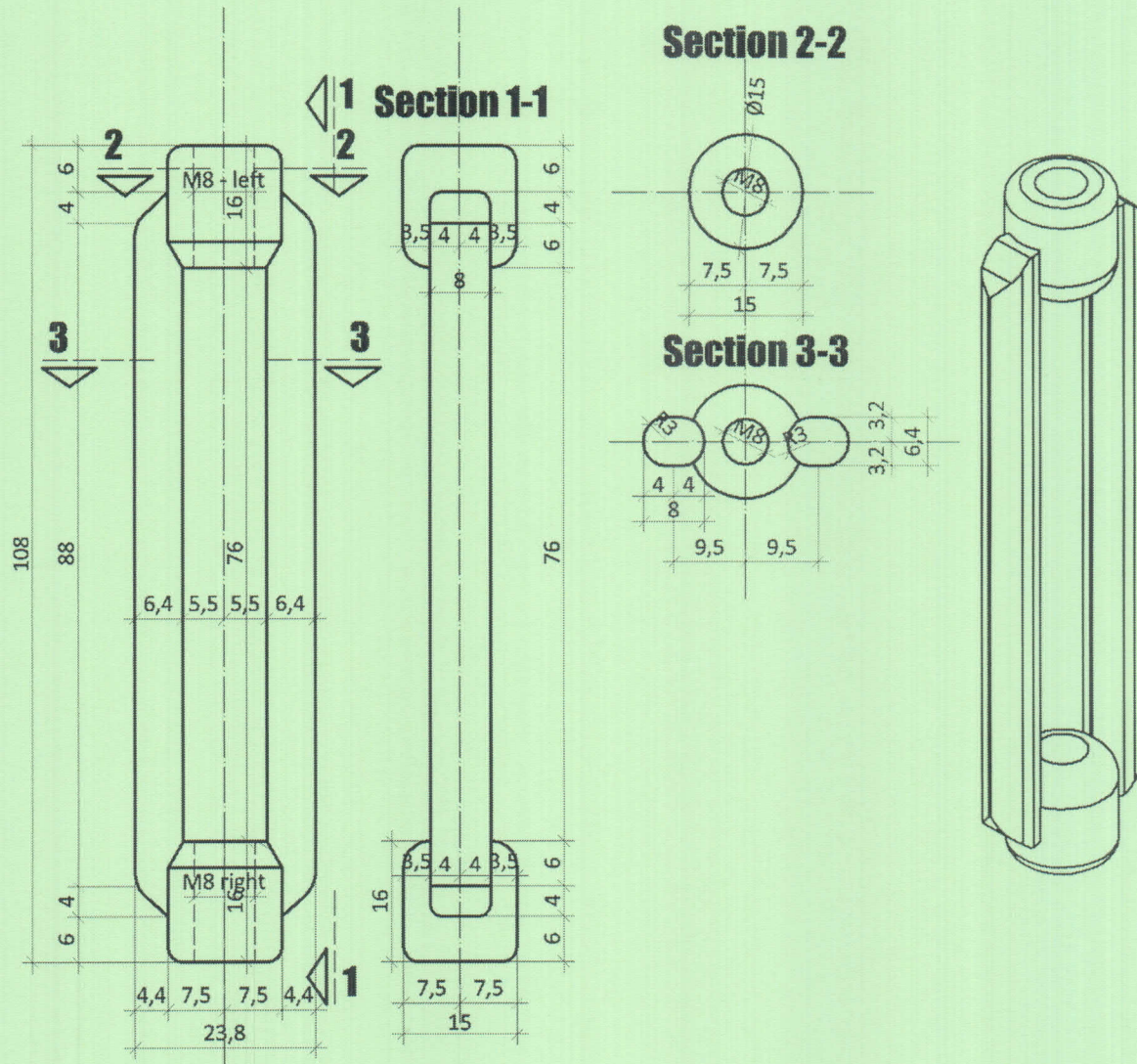


**Position 6 - Steel plates with threaded hole for studs M8, of steel S235JR according to EN 10025, hot dip galvanized**

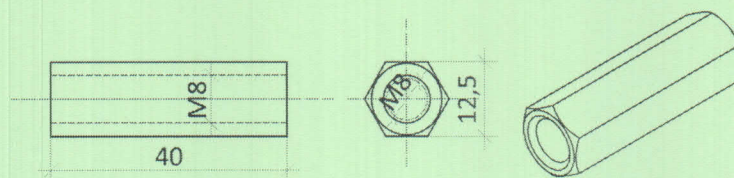




**Position 7 - Left and right-hand threaded muffs for studs M8, galvanized, produced according to DIN 1480**

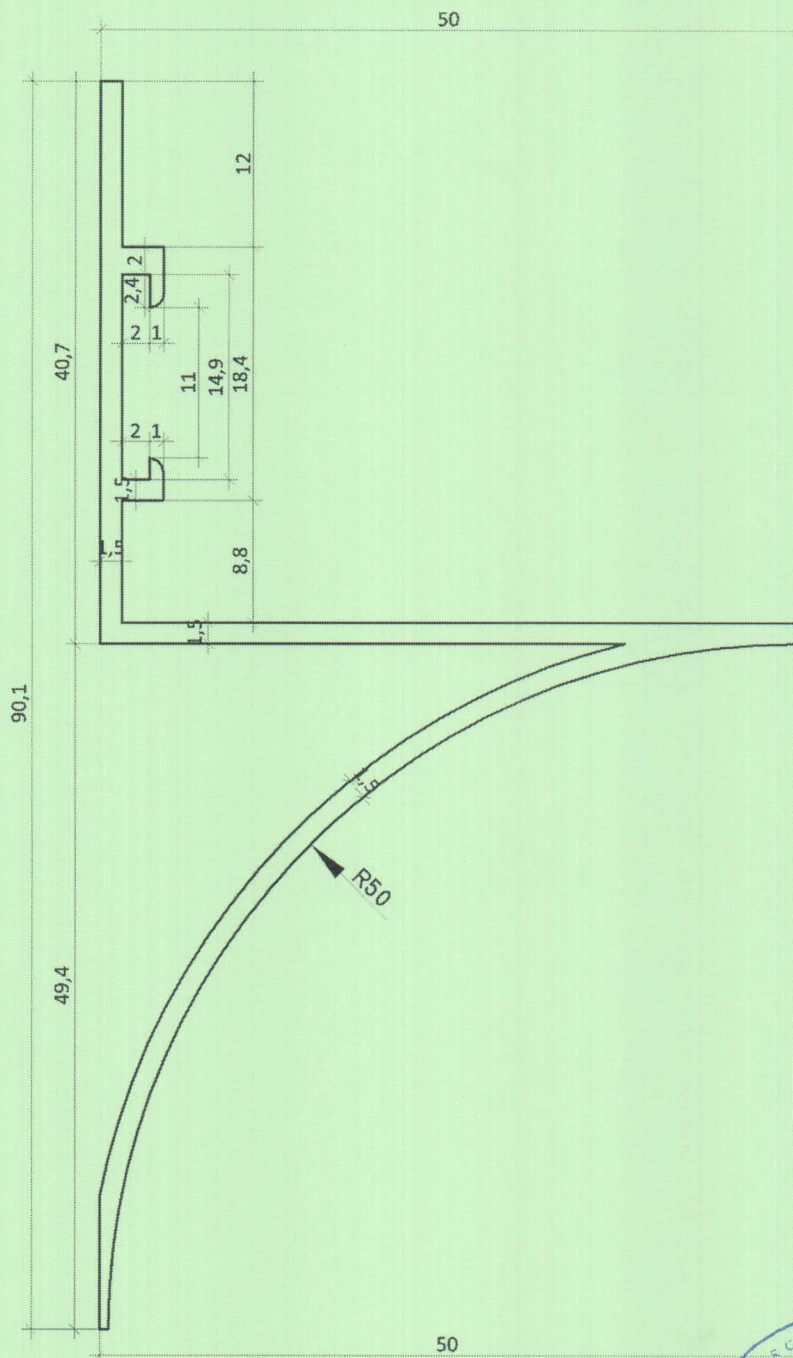


**Position 10 - Muffs (couplers) M8, metric threaded, galvanized**





**Position 11** - Ceiling boards of extruded aluminum profiles according to EN 15088:2005, made from aluminum alloy with designation EN AW6060-T66, with chemical composition according to EN 573-3:2014 and mechanical characteristics according EN 755-2:2016



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