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**TEST CENTER
FOR CONSTRUCTION (TCC) at NISI EOOD**

ACCREDITED UNDER BDS EN ISO / IEC 17025: 2018
Certificate reg. No. 88 ЛИ/24.03.2020,
issued by EA BAS with validity until 01.10.2022

Sector: "Concretes and reinforcements, construction materials and products"

TEST REPORT
No. 55-1-44/15.02.2021

Name of product: Covers for gullies and manholes - rectangular sewer grates with polymer composite frame with nominal dimensions of the clear opening 400/450 mm, class C 250

Manufacturer: "Reco Production" Ltd

Contracting entity: "Reco Production" Ltd
town of Novi Iskar, 27 "Ravnets" str.
application from 19.01.2021

Test method:

BDS EN 124-1: 2015 "Gully tops and manhole tops for vehicular and pedestrian areas. Part 1: Definitions, classification, general principles of design, performance requirements and test methods"

Date of receipt of the sample and ICS entry number: No. 55/19.01.2021

Number of test pieces: 1 piece complete with the frame, taken and presented by the Contracting entity

Test period: 19.01.2021 – 05.02.2021

ICS Director:

/As.Prof.Eng.Tsv.Gyurova/

The results only apply to the tested samples. Extracts from the report may not be reproduced without the written consent of the Construction Testing Center - TCC-NISI EOOD.



TEST RESULTS:

No	Type of test / characteristic	Unit of measure	Test method	No. and identification of the sample	Test result, uncertainty	Limit values according to specification / standard ³⁾	Test conditions
1	2	3	4	5	6	7	8
1.	Residual deformation ¹⁾	mm	BDS EN 124-1: 2015	44	0,8	$\leq 1,3$ ²⁾	(19±2)°C (59±2)%RH
2.	Test load	-			Withstands the load without occurrence of cracks Destruction by force of 268,3 kN	Cracks are not allowed to appear under a load of 250 kN for 30 s	
Additions, deviations and exceptions from the methods used: none							

Notes:

- 1) After applying 2/3 of the test load strength - 2/3 of 250 kN = 166,6 kN.
- 2) The permissible residual deformation is equal to the clear hole (CO) / 300.
- 3) According to BDS EN 124-1: 2015 for class C 250.

Test performed by:

/techn.Y.Yordanov/

Head of Sector:

/As.Prof.Eng. E. Penev/

ICS Director:

/As.Prof.Eng. Tsv. Gyurova/

I, Galina Stoyanova, hereby certify that to the best of my knowledge this is a true and accurate translation from Bulgarian into English of the attached document. The translation consists of 2 /two/ pages.

Galina Tosheva Ancheva-Stoyanova

