DECLARATION OF PERFORMANCE

TARUS SPACER BLOCKS

Purpose of testing: Verification of the load-bearing capacity of spacer plates.

Test sampling: Performed by the customer
Date of receipt of test samples: 13. 6. 2023
Number of test samples: 5 pcs - identification no. 129/1-5 (120 x 50 x 2 mm)
5 pcs - identification no. 130/1-5 (120 x 50 x 3 mm)
5 pcs - identification no. 131/1-5 (120 x 50 x 5 mm)
5 pcs - identification no. 132/1-5 (160 x 50 x 2 mm)
5 pcs - identification no. 133/1-5 (160 x 50 x 3 mm)
5 pcs - identification no. 134/1-5 (160 x 50 x 5 mm)

Date of testing: 3. – 14. 7. 2023

Sample description according to customer data: Plastic spacer plate made of PP polypropylene.
Manufacturer: TATAI business services s.r.o., Olomouc, Czech Republic
Design standard, drawing or pattern: -
Weight: -
External dimensions: 50 x 120 mm and 50 x 160 mm
Nominal thickness, type and material grade: PP polypropylene

Fig. No. 1, 2, 3 - View of the tested sample

:-Expected filling: -
Refill: -

Defects detected before the test: none

The program was developed according to methodology no.: 231-2023

Trial program:

- K - inspection, marking of samples 2)
  ČSN EN 22206
- Stl - compression test (test method no. 5) 1)
  EN ISO 12048

1) examination within the scope of accreditation
2) examination outside the scope of accreditation

Test equipment:

- MTS hydraulic press, registered No. C/HIM2015002
- Multifunctional measuring device Almemo, registration no. C/DHM2015009
- Hanhart digital stopwatch, registration no. C/DMK2015005
- Micrometer Somet 0-25 mm, registration no. C/DMK2015002
- Laboratory scale KERN 0-210 g, registration no. C/DHM2022098
- Voltcraft temperature and humidity datalogger, registration no. C/DMK2022036

Additional parameters:

- K - sample markings – (1) top wall with logo, (2) larger side wall, (3) bottom wall, (4) larger opposite side wall, (5) smaller side wall, (6) smaller opposite side wall

- Stl - no special conditioning requirement according to ISO 2233, conditioned for at least 12 hours and tested in a laboratory environment at a temperature of 18+26 °C and relative humidity up to 65% (outside the range of ISO 2233 conditions)

- Stl-compressed at a speed of 10 ±3 $mm.min^{1}$ to a value of 73,575 N (7,500 kg including coefficient 1.5) for 2 hours, over the lower flat fixed plate and the upper flat fixed plate with displacement, sample position with the lower part (3) down

- Stl - permissible compression of max. 1% of the sample thickness, the limit value for a thickness of 2 mm is 0.02 mm, for a thickness of 3 mm is 0.03 mm and for a thickness of 10 mm is 0.1 mm, measured at six points of the sample before loading and immediately after unloading

DECLARATION OF PERFORMANCE

TARUS SPACER BLOCKS

TARUS
SPECIALIZED SUPPLIER FOR WOODEN CONSTRUCTIONS AND ROOF STRUCTURES

TEST PROCEDURE

Table 1-Testing procedure

Sample no.	Method	Environment parameters	Result
all/1	TO*	t = 22 °C, RH = 54 %	See table 2 for measured values.
all	**Stl**	t = 22÷23 °C, RH = 48÷56 %	Compression in tolerance.
Plates of the above dimensions are suitable for permanent structural loads of up to 5 tons.			

* - Examination outside the scope of accreditation

Table 2- Checking sample specifications *

Specification/Sample No.:	**129/1**	**130/1**	**131/1**	**132/1**	**133/1**	**134/1**
Weight [g]	11,1	15.3	26,2	14,6	21.2	35,8
External dimensions [mm]	120,4x50,2	120,0x49,5	119.7x49.8	160,0x49,9	160,1x49,8	158,5x49,6
Walls (thickness) [mm]	2.0	2.8	4.8	2.0	2.9	4.9

* - Examination outside the scope of accreditation

ROBERT TATAI Executive
TARUS business services s.r.o.
20. 7. 2023