

**Test report No. 21/240**  
**Test according to ISO / PAS 11154****Producer: ARB Europe s.r.o.**  
Na Dlouhém č. 80, 251 01 Říčany - Jazlovce, Česká Republika**Applicant: ARB Europe s.r.o.**  
Na Dlouhém č. 80, 251 01 Říčany - Jazlovce, Česká Republika**Test object:** A tent with a base on the vehicle's roof rack  
According to ISO / PAS 11154 : 2006 - par. 5.3.4 "City Crash Test"**Type:** **ARB FLINDERS TENT - 803300**  
815112 - Rails to mount the tent 2pcs  
815113 - Plug-in nut - stone 8pcs  
815115 - Clamping clamps 4pcs (alternatively - 1780420, 815400)**Sample receipt:** 16. 12. 2021**Equipment type:** roof rack**Prepared by:** Ivan Zatyko  
Test engineer**Authorized by:** Ing. Petr Šedivý  
Head of the passive safety laboratory**Issue date:** 20. 12. 2021**Copy number:** 1**This document contains:** 5 pages**DEKRA CZ a.s.**  
zaps. u Měst. soudu v Praze, odd. B, vl. 1967  
149 00 Praha 4, Tůrkova 1001  
IČO: 49240188 DIČ: CZ49240188  
(21)

Výsledky zkoušek uvedené v tomto protokolu se týkají jen zkoušeného vzorku.

*Test results concern for the material submitted to tests only.*

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V české verzi je text autentický.

*The czech version is the authentic text***1. Test object****Adresa:** DEKRA CZ a.s., Tůrkova 1001, 149 00 Praha 4, Czech Republic**Address:****Bankovní účet:** Komerční banka Praha 4, 4508-071/0100**Bank account:****Adresa zkušebny:** DEKRA CZ a.s., Kličany 108, 250 69 Vodochody, Czech Republic**Address of test laboratory:****Tel.:** 00420 284 001 230**Fax:** 00420 284 890 206**E-mail:** petr.sedivy@dekra.com

**1. Test object**

At the request of the company - **ARB Europe s.r.o.**, contact person: Petr Vondrášek, tests were conducted on tent with base - **ARB FLINDERS TENT - 803300** mounted on the vehicle's roof rack. As load, tent measuring 1400mm x 1200mm x 200mm (300mm with ladder) and weighting 65kg (complete including ladder and fasteners) was used on its own.

Test was made according to: ISO/PAS 11154:2006 - Road vehicles - Roof load carriers  
par. 5.3.4 - Resistance to City Crash  
Annex E - City crash test - Test procedure

**2. Test parameters**

The parameters of the test and measurement equipment		
Test and measurement equipment :	Test track	DEKRA
	Speed meter	Transrecorder
	Deceleration meter	Transrecorder
	Accelerometers	Hottinger B12
	Camera	Redlake a FastCam

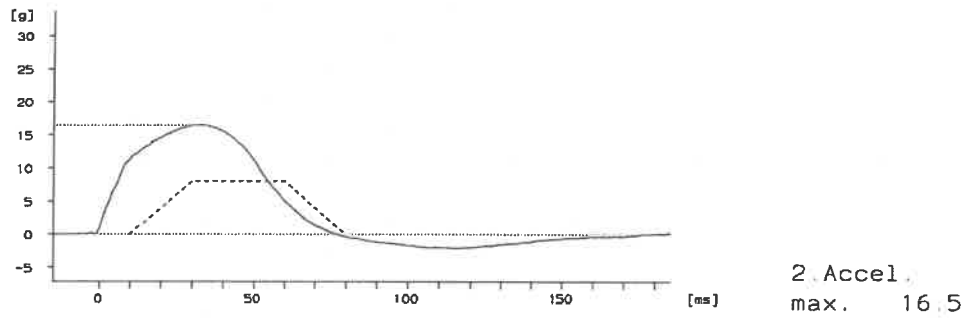
Test parameters 21/240 - 01				
		Real values		Requested
Test date :	16. 12. 2021	- 01	-	
Crash speed :		17,8 km/h	-	16,0 km/h 0/+2 km/h
deceleration :		16,5 g	-	> 8,0 g
deceleration > 8,0 g in time :		48,8 ms	-	min. 30,0 ms
Temperature test condition :	23,0 °C			
Direction :	longitudinal ( forward )			longitudinal ( forward )

Masses and dimensions of the testing sample		
	Real values	Requested
<b>Roof rack:</b>	- 01	
Roof rack test load:	65 kg *	
* load: tent mass 65 kg - tent, including ladder and fasteners		
Roof rack mass:	65 kg	-
Load center height:	80 mm	50-80 mm
Pitch : roof rack crossbeam / fastening rails	1050 mm / 860 mm	min. 900 mm / -



### 3. Deceleration graph

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### 4. Photo documentation

#### 4.1 before the test





4.2 after the test







## 5. Conclusion

The test of the **ARB FLINDERS TENT – 803300** - assembly (815112 - Rails to mount the tent 2pcs, 815113 - Plug-in nut - stone 8pcs, 815115 - Clamping clamps 4pcs, roof tent, ladder and adapter for ladder extension) on the vehicle's roof rack according to ISO / PAS 11154 : 2006 - par. 5.3.4 Resistance to City Crash was made with **satisfactory** result.

Remark: The tests other than in accordance with par. 5.3.4 Resistance to City Crash have not been performed.