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TECHNICAL REPORT

Treck S.A. Santa Rosa # 5220 San Joaquin Santiago Chile	SATRA reference:	FWT2005376	
		2419	1
	Report ID/Issue number:	42319/1	
	Your reference:		
	Date samples received:	29/04/2024	
	Date(s) work carried out:	09/05/2024 to 18/07/2024	
	Date of report:	25/07/2024	

Testing Requirements

Samples referenced Nitro A60 and Nitro 727. Testing to EN ISO 20345:2022 to cover failures reported under FWT2003016.

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Report Signed by:

Ian Herbert **Report Signatory**

SAMPLES SUBMITTED

1 pair Nitro A60 in size 46EU
1 pair Nitro 727 in size 39EU
1 right foot Nitro 727 in size 47EU
1 pair Nitro 727 in size 42EU



Sample description: Nitro A60, one pair size 46EU



Sample description: Nitro 727, one pair size 39EU, one pair size 42EU, one shoe size 47EU

TESTING REQUESTED

Nitro A60 –
EN ISO 20345:2022 clause 5.3.2.6 Impact resistance of safety footwear

Nitro 727 –
EN ISO 20345:2022 clause 5.3.2.6 Impact resistance of safety footwear (sizes 39 and 47)
EN ISO 20345:2022 clause 5.3.1.2 Upper/outsole bond strength (size 42)

Note: retesting of failed results from report FWT2003016.

RESULTS

EN ISO 20345:2022 Clause 5.3 (Whole Footwear)					
Clause in EN ISO 20345	**Specification requirements**	**Sample**	**Result**	**Sample result**	**Overall result**
Reference and description: *Nitro A60*					
Clause 5.3.2 Toe protection					
Impact resistance of safety footwear (200J) (5.3.2.6)	Size: 46 clearance: ≥15.0mm No delamination, sharp edges or cracks through the material	Size: 46	**L: 14.5mm, R: 14.5mm** No delamination, sharp edges or cracks through material	**F / F** P	**Fail**

EN ISO 20345:2022 Clause 5.3 (Whole Footwear)					
Clause in EN ISO 20345	**Specification requirements**	**Sample**	**Result**	**Sample result**	**Overall result**
Reference and description: *Nitro 727*					
Clause 5.3.2 Toe protection					
Impact resistance of safety footwear (200J) (5.3.2.6)	Size: 39 clearance: ≥13.5mm Size: 47 clearance: ≥15.0mm No delamination, sharp edges or cracks through the material	Size: 39 Size: 47	L: 14.0mm, **R: 12.5mm** **R: 14.5mm** No delamination, sharp edges or cracks through material	P / **F** **F** P	**Fail**

EN ISO 20345:2022 Clause 5.3 (Whole Footwear)					
Clause in EN ISO 20345	**Specification requirements**	**Sample**	**Result**	**Sample result**	**Overall result**
Reference and description: *Nitro 727*					
Clause 5.3.1 Sole performance					
Upper/Outsole Bond strength (5.3.1.2)	≥4.0N/mm or ≥3.0N/mm with tearing	Size: 42	6.9N/mm	P	Pass

SATRA Report Reference: FWT2005376 2419
Report ID/Issue number: 42319/1

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