



TESTING TECHNOLOGY FOR SPORT

TRIPLE AAA PERFORMANCE REPORT

Report Number 72096

Product name VDP Pellos Single and Multi Panel

Report Status Final

Issue Date 17/12/2021

Client VDP Events
De Bree 24
2415 BG
Nieuwebrug aan den Rijn
Netherlands

FOREWORD

1. This report has been prepared by Sports Labs limited with all reasonable skill, care and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.
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3. This report shall not be used for engineering or contractual purposes unless signed by the Author and the Checker and unless the report status is "Final".



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1. TEST DETAILS

- 1.1 We refer to the systems installed in our laboratory in Zeist, The Netherlands on 17/12/2021. The client requested testing to be carried out in accordance with the requirements of FIFA Test Method 04a, 05a and 13. Respectively the Determination of Shock Absorption, Vertical Deformation and Energy Restitution.
- 1.2 As the performance of some products can be greatly influenced by the prevailing conditions, the results in this report cannot be used to indicate the performance of the same product under other conditions or in other locations.
- 1.3 Detailed test results are given overleaf in tabular format.

| System | Shock Absorption (%) | | | Deformation (mm) | | | Energy Restitution (%) | | |
|--------------------------------|----------------------|-------------|-------------|------------------|------------|------------|------------------------|-------------|-------------|
| | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 |
| VDP Pellos Single Panel | | | | | | | | | |
| Drop 1 | 16,3 | 17,9 | 24,4 | 1,8 | 2,1 | 3,3 | 86,1 | 82,9 | 73,2 |
| Drop 2 | 12,9 | 15,4 | 23,3 | 1,5 | 2,0 | 3,3 | 88,6 | 85,2 | 79,2 |
| Drop 3 | 11,9 | 15,1 | 24,1 | 1,4 | 2,0 | 3,3 | 89,5 | 84,5 | 79,0 |
| Result | 12,4 | 15,3 | 23,7 | 1,5 | 2,0 | 3,3 | 89,1 | 84,9 | 79,1 |

| System | Shock Absorption (%) | | | Deformation (mm) | | | Energy Restitution (%) | | |
|-------------------------------|----------------------|-------------|-------------|------------------|------------|------------|------------------------|-------------|-------------|
| | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 |
| VDP Pellos Multi Panel | | | | | | | | | |
| Drop 1 | 42.4 | 37.8 | 29.2 | 4.0 | 3.7 | 2.7 | 68.0 | 69.0 | 75.6 |
| Drop 2 | 37.9 | 37.3 | 28.1 | 3.8 | 3.8 | 2.8 | 72.2 | 72.8 | 76.4 |
| Drop 3 | 36.7 | 36.3 | 27.9 | 3.7 | 3.6 | 2.7 | 73.9 | 71.3 | 76.8 |
| Result | 37.3 | 36.8 | 28.0 | 3.8 | 3.7 | 2.8 | 73.0 | 72.0 | 76.6 |

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