Drop height: 55cm
Drop weight: 20 kg
Test Foot: 70mm diameter
Load pulse: ~30 milliseconds

Typical Contact Pressures:
Concrete: 1700 kPa
Acrylic: 1600 kPa
Synthetic Turf: 700/800 kPa
Drop height: up to 85 cm
Drop weight: 10 - 20 Kg
Pulse Time: 15 – 30 ms
Plate Size: 100, 200 or 300 mm
Load Range: 0 – 15 kN
Deflection Sensor: 0 - 2200 μm
Sample Frequency: 4000 Hz
The bar chart compares the force reduction for different court types. The force reduction values are as follows:

- Acrylic Outdoor: 11%
- Fast Dry Clay: 10%
- Acrylic Indoor 1: 13%
- Acrylic Indoor 2: 12%

The chart indicates that Acrylic Indoor 1 has the highest force reduction, followed by Acrylic Indoor 2, then Fast Dry Clay, and finally Acrylic Outdoor.
<table>
<thead>
<tr>
<th>Material</th>
<th>Peak Deflection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Turf</td>
<td>0.86</td>
</tr>
</tbody>
</table>