

# CUSTOMER TECHNICAL MEMO # 296

**Subject: PROGLIDE OPERATIONAL FORCES**

**Date:** August 2017

Good morning all,

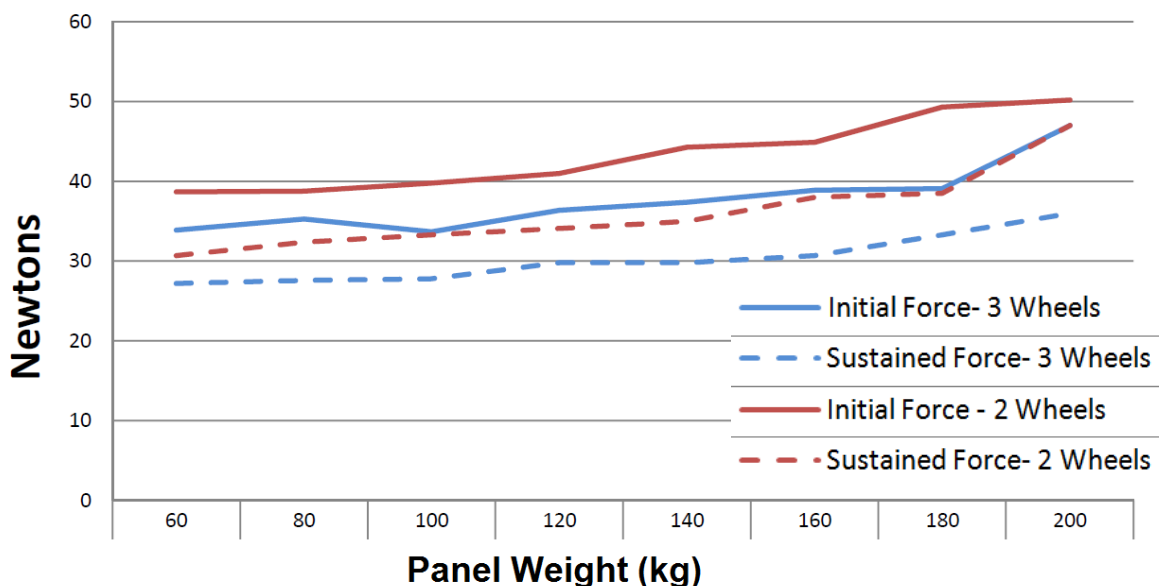
We have recently conducted operational load testing on 2 and 3 wheel rollers in the ProGlide High Performance Sliding Door at our testing facility in Brisbane.

Overall, the results were positive for both Anthony Innovations and Ciilock roller options. Both of these options are a high quality solution for a high performance system and show comparable performance for both initial and sustained forces.

One of the outcomes we uncovered in testing was that, whilst there was not a significant difference in how different dual wheel rollers performed we found that the Ciilock 3 wheel roller offers less rolling resistance compared to a 2 wheel roller, approx 10-15% on average.

There was a noticeable change in the panel "feel" at approximately 120kg where the better rolling resistance of the Ciilock rollers was noticeable.

## PROGLIDE OPERATIONAL FORCES



For customers wanting a ProGlide door with the lowest possible operating forces, the Ciilock 3 wheel rollers should be specified. Order details below.

Item No	Description	#
1310243	THREE WHEEL ROLLER (150kg)	8207-202

Both rollers are fit to handle doors up to 200kg in our system, but moving forward we will be adjusting AiQ to automatically specify the Ciilock 3 wheel roller as standard on panels beyond 120kg.

It is also worth noting that operational forces tend to increase significantly when door panels exceed 150kg regardless of the rollers used. Please keep this in mind when specifying large doors.

If you have any questions, please contact your local Alspec Area Manager.