

## CUSTOMER TECHNICAL MEMO # 205

**Subject: No39 Stainless Steel Hinges - Testing**

**Date:** 26/05/2014

Good Afternoon,

Our new No39 Stainless Steel Hinges have been tested at the ALSPEC Loganlea testing facility in accordance with TT-ICP 002 Clause 4.3 for durability.

- The hinges were installed onto a Swan Door and fitted onto a McArthur 101.6mm frame (AS1C)
- Frame size 2740 x 1089mm
- The door panel had a total weight of 71kgs
- The product successfully achieved 100,000 cycles
- The hinges were fitted with 8 gauge x ½ inch undercut stainless steel screws, using a 1/8 drill bit
- Three hinges were fitted; one each 120mm from the top and bottom and one in the centre

At the end of the test there was 1mm of wear to the hinges, which in turn allowed the door to drop by 1mm; this was the only wear at the finish of the testing.

PRODUCT CODE	DESCRIPTION	TESTING RESULT
1364004	No39 UNIVERSAL SS HINGE 102 x 2.5mm	100,000 cycles

Kind Regards,  
Product Development