

TEST REPORT

CUSTOMER: **TRIFLEX VIDRIOPANTALLA, S.L.**

PERSON REQUESTING THE TEST: **JOSÉ MANUEL ESTADA**

ADDRESS: **POLIGONO INDUSTRIAL SEPES, C/ ARANDA Nº 8
46520 SAGUNTO (VALENCIA)**

MATERIAL TESTED: **«TRIFLEX» DOUBLE GLAZING WITH
VENETIAN BLIND**

PURPOSE OF THE REQUEST: **DETERMINING THE DURABILITY OF THE
BLIND MECHANISM**

DATE OF RECEIPT: **04.04.2003**
TEST STARTING DATE: **08.04.2003**
TEST COMPLETION DATE: **11.04.2003**

Total No. of pages

3
(Including this one)

The results only refer to the material received and subjected to testing at this Research Centre on **04.04.2003**.

This report may not be reproduced without the express authorization of CIDEMCO, except where done so in its entirety.



Asier Maiztegi
Construction Dept. Manager



Sergio Fernández
Construction Dept. Technician

Azpeitia, 30th of May 2003

FEATURES OF THE SAMPLE

On the 4th of April 2003, CIDEMCO received a (500 x 500) mm double glazing sample from the company TRIFLEX VIDRIOPANTALLA, S.L., whose reference is «**TRIFLEX**».

In accordance with the information provided by the customer, the composition and features of the sample are as follows:

- Exterior sheet of CLEAR glass of 4 mm in thickness
- Intermediate chamber made using an extruded aluminium perimeter profile of 16 mm in thickness
- Venetian blind fitted to the chamber and composed of aluminium slats of 12.5 mm in width, adjustable by means of a magnetic device. The blind has a run of 80 mm
- Exterior sheet of CLEAR glass of 4 mm in thickness
- Sealant composed of:
 - First barrier of butyl
 - Second barrier of polysulphur

TEST REQUESTED

The test requested is that of checking the **durability of the blind mechanism (100,000 opening and closing cycles)**.

TEST CARRIED OUT

The sample was placed on a metal frame with a pneumatic system containing a cycle counter that drove the magnetic mechanism, as shown in the following photograph:



In this way, 100,000 opening and closing cycles were applied to the blind over its 80 mm run.

RESULTS

After 100,000 opening and closing cycles, no defects were noted in the operation of the Venetian blind.

RESULT: SATISFACTORY