

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:	AGEING BY UV RADIATION (UNE 48251:1992)

DATE OF RECEIPT: **04.04.2003**
TEST STARTING DATE: **11.04.2003**
TEST COMPLETION DATE: **15.05.2003**

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.



Jorge Esteban
Materials Dept. Technician



Javier G. Jaca
Materials Dept. Manager

Azpeitia, 30th of May 2003

FEATURES OF THE SAMPLE

On the 4th of April 2003, CIDEMCO received a (350 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 **ageing by UV radiation** in accordance with UNE 48251:1992.

TEST CARRIED OUT

The samples to be tested are subjected to ageing action caused on the inside of an ultraviolet-condensation chamber, in accordance with the UNE 48251:1992 standard.

The cycles consist of:

- 4 hours of exposure to ultraviolet radiation using UV-B lamps at a black panel temperature of 50°C

The samples are subjected to these conditions for 840 hours, after which there should be no alterations in colour. This may be checked with the sample not subjected to testing of the passing of time.

Furthermore, the “terylene” ladder which fastens the slats should not evidence any wear and the slat orientation device should not evidence any alteration as regards its operation.

RESULTS

After ageing, the following may be noted:

1. The sample tested evidences a slight change in colour (yellow) when compared to the other referenced one (see photograph)
2. The fastening system does not evidence any surface wear or operational defects.

