

TEST REPORT TRANSLATION

CLIENT: **ELASTOGRAN, S.A.**

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TESTED MATERIAL:	POLYURETHANE FOAM SAMPLES
PURPOSE OF THE REQUEST:	DETERMINATION OF WATERTIGHTNESS

RECEIPT DATE **12.09.2005**
TEST BEGINNING DATE: **19.09.2005**
TEST END DATE: **06.10.2005**
REPORT EMISSION DATE **06.10.2005**

The results of the tests can only be applied to the material received and tested in this Research Centre on **12.09.2005**.

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1. TEST SPECIMENS

Polyurethane foam samples around 30 mm of thickness, belonging to the company “**ELASTOGRAN, S.A.**” were received at CIDEMCO on September 12th of 2005 with the following references:

- ELASTOPOR H 1623/1/30 (five samples)
- ELASTOPOR H 1623/2/40 (five samples)
- ELASTOPOR H 1623/3/50 (five samples)

2. TEST REQUESTED

The requested test is the following:

- ◆ Determination of watertightness according to UNE-EN 1928:2000

3. CARRIED OUT TESTS

- ◆ **Determination of watertightness according to UNE-EN 1928:2000**

The sample is placed in the test device strongly tight by screws. The water inlet and the air outlet is controlled by a system of valves.

The sample is submitted at a specific water pressure (0,6 bar) for 24 hours.

The test is considered satisfactory if the humidity indicator (methylene blue) does not colour the paper placed on the sample after the specified time.

4. RESULTS

◆ **Determination of watertightness according to UNE-EN 1928:2000**

The results are showed in the following table:

Table nº1 – Results of watertightness

Reference	Assessment		
	Sample 1	Sample 2	Sample 3
ELASTOPOR H 1623/1/30	Satisfactory	Satisfactory	Satisfactory
ELASTOPOR H 1623/2/40	Satisfactory	Satisfactory	Satisfactory
ELASTOPOR H 1623/3/50	Satisfactory	Satisfactory	Satisfactory