



APPROVAL

It is hereby certified that the company

“TITANIA”

Parque Tecnobahía, Edificio RETSE 4
11500, El Puerto de Santa María,
Cadiz, SPAIN

is qualified for following
SPECIAL PROCESSES

- Materials Testing (Lab Testing) – for following tests on sealants:

- Measure of the adherence by linear delamination – (according AIMM 2-0013)
Resistencia al pelado (según AIMM 2-0013)
- Measurement of Shore A hardness (according AIMM 1-0033)
Tiempo de curado hasta 30 shore A de dureza (según AIMM 1-0033)
- Loss of tackiness measurement (according AIMM 2-0034)
Tiempo de secado al tacto (según AIMM 2-0034)
- Determination of application time (according AIMM 7-0003 / EN 3094)
Tiempo de aplicación (según AIMM 7-0003 / EN3094)

This qualification is granted under
the conditions defined in appendix1

Albacete, 2015, 09 of August

Fernando García
Special Processes AHE LMP

Rafael Esparcia
AHE Supplier Quality



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SIGNED

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Special Processes AHE LMP

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APPENDIX 1

SPECIAL PROCESS: Materials Testing (Lab Testing) – Sealants Testing

Performed in accordance with the following documents:

- AITM 2-0013 – Determination of sealant adhesion by linear debonding test
- AITM 1-0033 – Determination of the curing rate of sealing materials
- AITM 2-0034 – Determination of tack-free time of sealing materials
- AITM 7-0003 – Determination of application time of sealing materials

With the following resources:

- Tensile test machine: Shimadzu – Model: Ag-I/50N-10KN // Shimadzu - Model: AG-X10
- Shore A Durometer –BAREISS – Model: HPE Shore A DIN 53505
- Balance – COBOS – Model: C_6200CBM
- Temperature and Humidity register - AKO Model: AKO-15752
- Digital caliper - Mitutoyo – Modelo: CD_15CPX

This Qualification is based on the following results:

- AHE-LMP 15-001 (Test Report)
- CASA 1400-55-FT (Airbus Military Qualification)
- SUR2013.0065 ind. E (Airbus Qualification)
- NadCap Qualification Certificate num. 10193153273

The Qualification is subject to the following specific conditions:

Only valid for the listed sealants for “general purpose” (excluded special applications):

- MC-780 B1 (ECS2339, ECS0045)
- PR 1771 B2 (ASN-B71132-01)
- PR 1773 (ASNA4168)
- PR 1750 B2 (WL 5.5905)
- PR 1750 A2 (WL 5.5904.2)

Restrictions:

NadCap accreditation

This qualification could be suspended or cancelled at any time in case of decrease in quality. All modifications initiated by supplier must be submitted to AIRBUS Helicopters for approval. In case of AIRBUS Helicopters documentation revision, modifications have to be implemented or request for deviation have to be submitted to AIRBUS Helicopters for approval.

