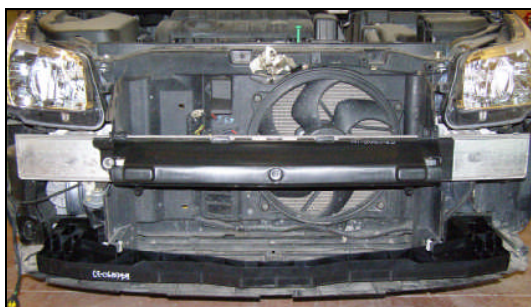


| DATOS DE LA PIEZA A CERTIFICAR:<br>PART DESCRIPTION                                               |                                              |
|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| Denominación: REFUERZO INFERIOR DE PARAGOLPES DELANTERO<br>Name: Lower front bumper reinforcement |                                              |
| Adaptable a: CITROËN C4<br>Adaptable to                                                           |                                              |
| Fabricado por: PHIRA<br>Manufactured by                                                           |                                              |
| Ref. fabricante: CZC4-08<br>Manufacturer reference                                                | Ref. Constructor: 7414JY<br>O.E.M. reference |
| Nº Certificación: 06 107 06 12<br>Certification number                                            |                                              |



Valorando lo resultados obtenidos en los ensayos y verificaciones a los que ha sido sometida la pieza de recambio, el dictamen final es:

Having analyzed the results of the test to which spare part has been subjected, the final decision is:

**RESULTADO DE LA PIEZA**

Spare part result



**CERTIFICADA**  
Approved



**NO CERTIFICADA**  
Fail

| 1. CONTROL DE MATERIAL<br>MATERIAL CONTROL           |                      |                                                                                         |
|------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|
| ENSAYO<br>Test                                       | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                                            |
| Tipo de material<br>Material                         | PP+EPDM              | Consultar informe Nº 19/06<br>See report number 19/06                                   |
| Espesor de la pieza (mm)<br>Part thickness           | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ                           |
| Espesor armazón (mm)<br>Frame thickness              | NP                   |                                                                                         |
| Espesor cierre (mm)<br>Fastener thickness            | NP                   |                                                                                         |
| Masa de la pieza (Kg)<br>Weight                      | 0,985                | Consultar informe FC-CE-018-03 (masaCZC4-08)<br>See report FC-CE-018-03 (weightCZC4-08) |
| Embutición (mm)<br>Ball punch deformation test       | NP                   |                                                                                         |
| Prestacones Mecánicas<br>Impact resistance           | Conforme<br>Approved | Consultar anexo C02-01- CZC4-08<br>See appendix C02-01 - CZC4-08                        |
| Envejecimiento Acelerado<br>Colour resistance        | NP                   |                                                                                         |
| Resistencia al calor (%)<br>Heat resistance          | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ                           |
| Resistencia combustible (%)<br>Fuel resistance       | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ                           |
| CALIFICACIÓN DEL CONTROL DEL MATERIAL<br>Test result |                      | CONFORME<br>APPROVED                                                                    |

| 2. CONTROL DE LA PIEZA (ADAPTABILIDAD E INSPECCIÓN PREVIA) |                                            |                                                                     |
|------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------|
| PART CONTROL (ADAPTABILITY PREVIOUS INSPECTION)            |                                            |                                                                     |
| ENSAYO<br>Test                                             | RESULTADO<br>Result                        | OBSERVACIONES<br>OBSERVATION                                        |
| Inspección previa<br>Previous inspection                   | Conforme<br>Approved                       | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| Tiempo de montaje (u.t)<br>Assembly time                   | 3,16                                       | Consultar informe 06107TM01-HR01<br>See report 06107TM01-HR01       |
| Proceso de trabajo<br>Assembly process                     | Similar a constructor<br>Similar to O.E.M. | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| Montaje de accesorios<br>Adaptability of Accessories       | NP                                         |                                                                     |
| Holguras<br>Gaps                                           | Similar a constructor<br>Similar to O.E.M. | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| Paralelismos<br>Parallelism                                | Similar a constructor<br>Similar to O.E.M. | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| Alineaciones<br>Alignment                                  | Similar a constructor<br>Similar to O.E.M. | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| Funcionalidad<br>Functional features                       | Conforme<br>Approved                       | Consultar informe 06107IP-AD01-HR01<br>See report 06107IP-AD01-HR01 |
| CALIFICACIÓN DEL CONTROL DE LA PIEZA<br>Test result        |                                            | CONFORME<br>APPROVED                                                |

| 3. CONTROL DE RECUBRIMENTOS<br>COATING CONTROL                              |                      |                                                               |
|-----------------------------------------------------------------------------|----------------------|---------------------------------------------------------------|
| ENSAYO<br>Test                                                              | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                  |
| Espesor, $e_e$ ( $\mu\text{m}$ )<br>Thickness                               | NP                   |                                                               |
| Dureza<br>Hardness                                                          | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| Embutición (mm)<br>Ball punch deformation<br>test                           | NP                   |                                                               |
| Corrosión roja<br>(nº horas)<br>Corrosion resistance                        | NP                   |                                                               |
| Adherencia<br>Adhesion                                                      | NP                   |                                                               |
| Resistencia al<br>lavado alta<br>presión<br>High pressure<br>resistance     | NP                   |                                                               |
| Resistencia del<br>recubrimiento a<br>los disolventes<br>Solvent resistance | NP                   |                                                               |
| CALIFICACIÓN DEL CONTROL DE RECUBRIMENTOS<br>Test result                    |                      | CONFORME<br>APPROVED                                          |

| 4. CONTROLES ADICIONALES<br>ADDITIONAL CONTROL                       |                      |                                                                                                       |
|----------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| ENSAYO<br>Test                                                       | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                                                          |
| Material en sistemas de unión<br>Material in joining parts           | NP                   |                                                                                                       |
| Materiales de subestructuras<br>Reinforcement material               | NP                   |                                                                                                       |
| Cumple funcionalidad<br>Functional features                          | NP                   |                                                                                                       |
| Área soldada (mm <sup>2</sup> )<br>Welded area                       | NP                   |                                                                                                       |
| Distancia (mm) entre puntos soldadura<br>Distance between spots weld | NP                   |                                                                                                       |
| Puntos soldadura defectuosos<br>Quality of sports weld               | NP                   |                                                                                                       |
| Formas geométricas<br>Geometrical shape                              | Conforme<br>Approved | Sin partes puntiagudas, ni cortantes, ni susceptibles de enganches<br>Without sharp and pointed parts |
| Orientación superficies laterales<br>Lateral surface orientation     | Conforme<br>Approved | Vuelta al exterior<br>Turn over to external side                                                      |
| CALIFICACIÓN DE LOS CONTROLES ADICIONALES<br>Test result             |                      | CONFORME<br>APPROVED                                                                                  |

| 5. COMPORTAMIENTO MECÁNICO<br>MECHANICAL BEHAVIOR               |                      |                                                               |
|-----------------------------------------------------------------|----------------------|---------------------------------------------------------------|
| ENSAYO<br>Test                                                  | RESULTADO<br>Result  | OBSERVACIONES<br>OBSERVATION                                  |
| Diferencia de retroceso (cm)<br>Difference in backward movement |                      |                                                               |
| Forma de plegado<br>Folded shape                                |                      |                                                               |
| Adhesivo y sellante<br>Mastic behavior                          |                      |                                                               |
| Cierre<br>Fastener behavior                                     |                      |                                                               |
| Crash-Test frontal<br>Frontal crash-test                        | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| Crash-Test oblicuo<br>Lateral crash-test                        | Conforme<br>Approved | Cumple requisitos CZ<br>It is according to requirements of CZ |
| CALIFICACIÓN DEL COMPORTAMIENTO MECÁNICO<br>Test result         |                      | CONFORME<br>APPROVED                                          |

**ANEXO 1 – REPOPTAJE FOTOGRÁFICO DE LA ADAPTABILIDAD**

ANNEX 1 – ADAPTABILITY PHOTO DOCUMENTATION

**Muestra Constructor**  
O.E.M. Part

**Muestra Fabricante**  
Spare Part

