

## CE TYPE APPROVAL CERTIFICATE

n. **525164002/OE**

2016/10/06

This CE-Certificate CANCELS & REPLACES nr. 525153002/OE – 2015/07/24.

This is to certify, that the hereunder described items of Personal Protective Equipment have overcome positively the "CE type examination", proving their conformity to the safety and health requirements of the Directive 89/686/EEC.

Manufacturer: **LEATT CORPORATION**  
(Responsible of the PPE) 50, Kiepersol Cresc., Atlas Gardens – Contermanskloof – DURBANVILLE – ZA-7550 CAPE TOWN – SOUTH AFRICA.

Type of PPE: **"Body-armor" for use by motorcyclists** – including protectors of the back and the chest in conformity with Harmonized Technical Standards: **EN 1621-2:2014** + Draft Standard: **prEN 1621-3:2016**.

Category of PPE: **II**: Personal Protective Equipment against "medium" risks. This certificate is based on the reference standards listed below: **its validity** is no longer ensured should new version of the standards come into force.

Model **"Chest Protector LEATT 4.5 #Jr**  
black/red OR orange/white  
**Codes: 5017120114 / 115 + 5017120120 / 121 (\*)**

Description: **(\*)= 4 codes to identify difference in: colors, commercial sizes (suggested height).**

**ORANGE/WHITE**

**FRONT:**



**BACK:**



**DESCRIPTION OF THE BLACK/RED version:**

**CHEST PROTECTOR:**

design: multilayer construction;  
external shell: declared black PP, partially perforated, with a red insert stitched on it declared TPU;  
external coating and internal coating (in contact with the body): declared black Lycra matched with grey foam material declared "20p PEX";  
mid-layer: two layers of black foam declared "70A Sansheng PU", partially perforated;  
edge: black textile;

**BACK PROTECTOR:**

design: multilayer construction;  
external shell: declared black PP, partially perforated, with a red insert stitched on it declared TPU;  
external coating and internal coating (in contact with the body): declared black Lycra matched with grey foam material declared "20p PEX";  
mid-layer: two layers of black foam declared "70A Sansheng PU", partially perforated;  
edge: black textile;  
fastening system: two black/white adjustable elastic waist-belts marked "LEATT" and red buckle declared PP.

**DIFFERENCES with the ORANGE/WHITE version:**

This article differs from the base model described above in the following features:

**CHEST PROTECTOR:**

external shell: declared orange PP, partially perforated, with a black insert stitched on it declared TPU;

**BACK PROTECTOR:**

external shell: declared orange PP, partially perforated, with a black insert stitched on it declared TPU; fastening system: two black/white adjustable elastic waist-belts marked "LEATT" and black buckle declared PP.

Technical Standards: **EN 1621-2:2014** Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.  
**prEN 1621-3** Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.  
(dd. 05/2016)  
**Me-int 097** Body armor – assembly of protectors of the trunk and upper arms.

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Intended use: preventive use against mechanical impacts during off-road and downhill bicycle and motorbike activities – protection is given by this PPE item only when fully equipped of its connected protectors, and implemented by suitable motorcycling equipments.

Size range: ALL 4 codes have the same W-S length = 28.0 – 31.5 cm

Type of back protector: corresponding to 2 suggested Junior body-height: cm.134-146 // 147-159.  
**FB=** so it does not differ for the protection area coverage, but for other ergonomic dimensions of the item (padding, waist-belts).  
**Full Back**

Protector sizes: - **FULL Chest (= C), Type A.**  
(area of protection)

Technical File: **DC-7998/E** (including Application to **RICT** and Technical Documents).

Test report: **RICT n°353806.01/E.**

Basis of evaluation: applicable requirements of the European Directive 89/686/EEC and reference Standards.

Functions and performance levels: This body armour incorporates and combine the protective functions of the following certified protectors:

**BACK protector:** Method: "kerbstone" at 50J: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: **level 2.**

**CHES T protector:** Method: "kerbstone" at 50J: a) impact force attenuation: "bar impactor kerbstone at 50J" conditioning standard + hydrolytic treatment = **pass**; b) force distribution: OPTIONAL = PERFORMED with result: **pass** - so the performance to be displayed is **level 2.**

**NOTE for the CHEST protector:** For the prEN 1621-3 (2016): if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display perf. 2.

**Note for the BACK protector:** - the technical standard provides 2 performance levels and level 2 is the one offering higher performances.

**GENERAL NOTE:** - the protective functions also depend on the correct positioning of the protector, which is not part of this assessment and falls within the responsibility of the user.

Marking: printed on different folded labels and include the following information:  
(see example below)

- **CE Marking** indicating the conformity of the PPE to the provisions of the Directive 89/686/CEE (and later amendments) +
- name of the manufacturer and designation of the P.P.E. (= COMMERCIAL name + PART CODE);
- indication of the Technical Harmonized Standards/Draft referred to;
- pictogram inviting users to read the Information Notice;
- pictograms in accordance with the Standards/Draft indicating the intended use of the P.P.E. + type and level of performance, international care symbols + - pictograms required by the Norms for the indication of the W-S length/chest-girth;
- other labels with additional information.

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<p style="text-align: center;">40mm</p> <p style="text-align: center;">40mm</p>	<p style="text-align: center;">45mm</p> <p style="text-align: center;">45mm</p>	<p style="text-align: center;">55mm</p> <p style="text-align: center;">55mm</p>	<p style="text-align: center;">55mm</p> <p style="text-align: center;">55mm</p>								
<p style="text-align: center;">Height (cm) 134-146</p>	<p style="text-align: center;">Height (cm) 134-146</p>	<p style="text-align: center;">EN 1621-2:2014</p>	<p style="text-align: center;">prEN 1621-3:2016</p>								
<p><b>Material Components</b></p> <table border="0"> <tr><td>Polyethylene</td><td>48%</td></tr> <tr><td>Polyurethane</td><td>30%</td></tr> <tr><td>Polyester</td><td>17%</td></tr> <tr><td>Other</td><td>5%</td></tr> </table>		Polyethylene	48%	Polyurethane	30%	Polyester	17%	Other	5%	<p><b>Warnings:</b></p> <ul style="list-style-type: none"> <li> Cold wash</li> <li> Dry in the shade</li> <li> Do not iron</li> <li> Do not bleach</li> <li> Do not tumble dry</li> <li> Do not use solvents</li> </ul> <p>Impact protectors <b>MUST BE REMOVED</b> before washing</p>	
Polyethylene	48%										
Polyurethane	30%										
Polyester	17%										
Other	5%										
<p style="text-align: center;">PO# XXXX</p>											

**FRONT:**



**BACK:**



**Note:** the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements. The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).