



EU Type Examination Certificate

Date: 2024/11/18

n. **525244701/OE**

Validity: 2029/11/17

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: (Responsible of the PPE)	LEATT CORPORATION 12, 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, chest, shoulders & elbows against mechanical impact.
Category of PPE:	II : "medium" risks. This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.
Model:	Body Protector 4.5 Evo Codes: 5025202300-304 (BLACK)

Description:	<p><u>external coating:</u> - black fabric (EVA-6MM-8406); - black Lycra (PE-LS001); - black elastic band (XW-003); - black webbing (105); - black Velcro (VELVET-Z-002-38MM – BLACK-250K); - black Lycra (C40 BLACK 8613/LYCRA-Z-001); - black mesh (BLACK-200K); - black mesh (Z-006); - black edge binding (Z-004); - black Nylon (SBS-5-072); - black fabric (LM-005); - black mesh (Z-007); - black mesh (LN-006);</p> <p><u>internal coating (in contact with the body):</u> - black fabric (EVA-6MM-8406); - black Lycra (PE-LS001); - black elastic band (XW-003); - black webbing (105); - black Velcro (VELVET-Z-002-38MM – BLACK-250K); - black Lycra (C40 BLACK 8613/LYCRA-Z-001); - black mesh (BLACK-200K); - black mesh (Z-006); - black edge binding (Z-004); - black Nylon (SBS-5-072); - black fabric (LM-005); - black mesh (Z-007); - black mesh (LN-006);</p> <p><u>fastening system by means of elastic waist:</u> - black webbing (XSH-002); - black Velcro (BLACK-250K); - black fabric (Z-011); - black Velcro (Z-002); <u>fastening system by means of polymeric zipper closure with metallic slider:</u></p> <p>CHEST: <u>external shell:</u> - declared black HDPE partially perforated marked white "LEATT 4.5" (DUSHANZIK800X); <u>external coating:</u> - black fabric (EVA-6MM-8406); <u>mid-layer:</u> - declared red TPU (TPU 98A); <u>internal coating (in contact with the body):</u> - black fabric (EVA-6MM-8406);</p> <p>BACK: <u>external shell:</u> - declared black HDPE partially perforated with white logo (DUSHANZIK800X); <u>external coating:</u> - black fabric (EVA-6MM-8406); <u>mid-layer:</u> - declared red TPU (TPU 98A); <u>internal coating (in contact with the body):</u> - black fabric (EVA-6MM-8406); - black mesh (LN-006); <u>fastening system:</u> - black elastic band (XW-003), black webbing (105) with white polymeric buckle;</p> <p>SHOULDER: <u>external shell:</u> - declared black HDPE partially perforated with white logo (DUSHANZIK800X); <u>external coating:</u> - black fabric (EVA-6MM-8406); <u>mid-layer:</u> - declared red TPU (TPU 98A); <u>internal coating (in contact with the body):</u> - black mesh (BLACK-200K);</p> <p>ELBOW: <u>external coating:</u> - black fabric (EVA-6MM-8406); <u>mid-layer:</u> - declared red TPU (TPU 98A); <u>internal coating (in contact with the body):</u> - black mesh (LN-006).</p>
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Technical Standard:	<p>EN 1621-1:2012 Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors – Requirements and test methods.</p> <p>EN 1621-2:2014 Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.</p> <p>EN 1621-3:2018 Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.</p> <p>Me-int 097 Body armor – assembly of protectors of the trunk and upper arms.</p>
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Intended use:

Preventive use against mechanical impacts during off-road motorcycling and biking activities (such as Enduro, downhill etc.). Use of additional suitable motorcycling garments and other P.P.E. (helmet, gloves, boots etc) is highly recommended in order to ensure an overall protection of the body.

Size range:

Type +
Protector sizes:
(area of protection)

CODE:	COMM. SIZE:	Shoulder + Elbow	CB = Central Back Waist to shoulder length (in cm) in acc. with EN 1621-2:2014	C = Full Chest
5025202300/-301	S/M	Type A	42÷46	Type A
5025202302/-303	L/XL		46÷50	
5025202304	XXL		50÷54	

Technical File:

DC 19372

Test report:

RCT n° 4340074/E

Functions and
performance levels:

This body armour incorporates and combine the protective functions of the following protectors:

EN 1621-1:2012

SHOULDER & ELBOW:

Method: planar face drop striker at 50 J

Mandatory tests: from the values of the transmitted force obtained at standard ambient conditions and after hydrolytic treatment (= wet conditions) the performance reached is: **level 1**.

EN 1621-2:2014

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**.

EN 1621-3:2018

CHEST protector:

Method: "Kerbstone" at 50J:

- mandatory test: impact attenuation at standard ambient conditions + after hydrolytic treatment (= wet conditions) the performance reached is: **level 2**.

NOTE 1: The Norm EN 1621-1:2012 + EN 1621-2:2014 provides 2 performance levels and level 2 is the one offering higher performances. The Norm EN 1621-3:2018 provides 2 levels of protection, of which lev. 2 is deemed to provide better protection - if the protector has passed ONLY the force attenuation = display performance 1- if also the force distribution is passed = display performance 2;
GENERAL NOTE: The protective functions also depend on the correct positioning of the Body-Armor, which is not part of this assessment and falls within the responsibility of the user.





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Marking:

comprehensive LABEL:



2 OR more Markings (according to the nr of protectors included): main one with CE-symbol for the "complete" PPE + one stitched on each protector composing the PPE item, and displaying the following information as required by each Standard:

- **CE Marking;**
- Name/Logo of the Manufacturer;
- on a second Label also full addresses (HQ and Branches);
- item designation (commercial name + alphanumeric code, barcode);
- pictogram indicating the intended use (motorcycling), protector type and size, overall protective level achieved during laboratory tests and indication of the Standard(s) of reference;
- symbol "i in the booklet" to invite the user to read the Information Notice;
- additional information on other labels/hangtags: Category II + Notified Body nr., website, "Made in...", internal codes, P.O. nr., composition, washing & care instructions etc.



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).

