

EU Type Examination Certificate

Date: 2020/12/18

n. **525205103/OE**

Validity:
2025/12/18

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 and chest, 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:	"Chest Protector 6.5 PRO" Codes: 5021400180 – 222 (*)

Description: Description in **GRAPHENE** colorway (codes **5021400180-81-82**)
fastening system between chest protector and back protector:

WHITE FRONT:



- bands made of black fabric on the shoulders zone. A black pad completely covered by a black fabric and which covers the shoulders where a red polymeric insert marked "BRACE ON" is stitched on mat.; - in the waist zone a black elastic strap marked "LEATT" in grey color, with a black polymeric quick-lock buckle and black stretch band with an anthracite cover made of HDPE and black padding; fastening system of the shoulder protectors: - black stretch band with a quick-lock buckle and a black elastic strap marked "LEATT" in grey color fastened by means of a Velcro.

CHEST PROTECTOR:

design: multilayer construction;
external shell: black and anthracite plate declared HDPE (HS-21-18-0001-PS) marked "LEATT" in white color, with a black removable plate declared HDPE (HS-21-18-0003-PS) on the upper area, for the eventual fitting of a neck brace;
mid-layer: partially perforated black material declared PU 64D (HS-21-18-0005-PS);
internal padding: black padding declared (HS-21-18-0036-PS) glued and fixed to the external shell by means of thirteen black metallic screws "STAINLESS STEEL 316" in contact with the user;

BACK:



BACK PROTECTOR:

design: multilayer construction;
external shell: black and anthracite plate declared HDPE (HS-21-18-0006-PS) with a white LEATT logo, with a black removable plate declared HDPE (HS-21-18-0008-PS) on the upper area, for the eventual fitting of a neck brace;
mid-layer: partially perforated black material declared PU 64D (HS-21-18-0012-PS);
internal padding: black padding declared (HS-21-18-0035-PS) glued and fixed to the external shell by means of thirteen black metallic screws "STAINLESS STEEL 316" in contact with the user;

(*)= codes according to SIZES and COLORS available:

- **GRAPHENE**
- **WHITE**

SHOULDER PROTECTOR:

design: multilayer construction;
external shell: anthracite polymeric material partially perforated declared HDPE (HS-21-18-0007-PR / HS-21-18-0007-PL) with gold LEATT logo;
mid layer: partially perforated anthracite material declared PU 64 D (HS-21-18-0008-PR / HS-21-18-0008-PL);
An additional black pad completely covered by a black fabric with a black stretch fabric is attached to the shoulder protector by means of a Velcro.

ALSO available in **WHITE** colorway (codes **5021400220-21-22**) that just differs from the above described model for the colors of plates/ foam and logos.



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Technical Standard: **EN 1621-1:2012** Motorcyclists' protective clothing against mechanical impact - Part 1: Motorcyclists' limb joint impact protectors – Requirements and test methods.
EN 1621-2:2014 Motorcyclists' protective clothing against mechanical impact - Part 2: Motorcyclists' back protectors – Requirements and test methods.
EN 1621-3:2018 Motorcyclists' protective clothing against mechanical impact - Part 3: Motorcyclists' chest protectors – Requirements and test methods.
Me-int 097 Body armor – assembly of protectors of the trunk and upper arms.

Intended use: preventive use against mechanical impacts during off-road motorcycling/downhill biking activities: protection is given by this PPE item only when fully equipped, and implemented by suitable additional motorcycling equipment.

Size range:

COMMERCIAL SIZE:	Waist to shoulder length (cm) in accordance with EN 1621-2:2014	CHEST	SHOULDER
S/M 5021400180 / 220	FB= FULL BACK 46 ÷ 50 cm	FULL Chest (= C), Type A	"S" Type A
L/XL 5021400181 / 221	51 ÷ 54 cm		
XXL 5021400182 / 222	55 ÷ 59 cm		

(for the correspondence to suggested height / chest-girth see TF and Information Notice).

Technical File: **DC-12534**

Test report: **RCT n° 3914703/E.**

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.**

CHEST PROTECTOR: Method: "Kerbstone" at 50 J = impact attenuation obtained at standard ambient conditions and after hydrolytic treatment (= wet conditioning): PASS.
Method: "hemispherical impactor with guard ring" at 50 J = force distribution obtained at standard ambient conditions: PASS. Overall performance achieved **level 2.**

SHOULDER protector: Method: planar face drop striker at 50J: from the values of transmitted force obtained at standard ambient conditions and after hydrolytic treatment (=wet conditions) the performance reached is: level 2/ marked level 1..

Note for the BACK protector: the technical standard provides 2 performance levels, level 2 being the one offering higher performances. For the CHEST protector: also 2 performance levels are specified: lev.1 = protectors providing impact attenuation but not impact distribution / lev. 2 = protectors providing impact attenuation and impact distribution (lev. 2 protectors give improved protection; however, they can be heavier and have restriction penalties associated); 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.



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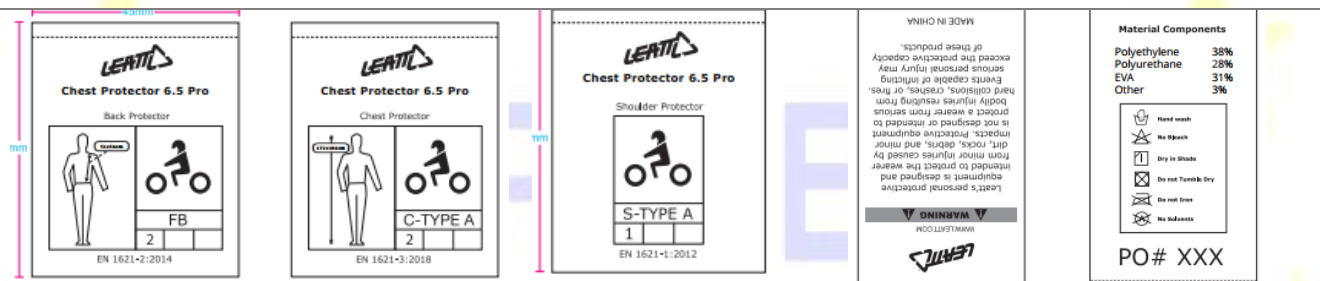
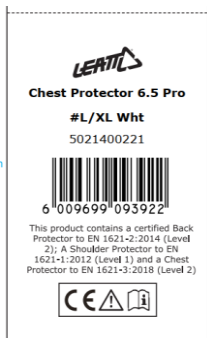
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Marking:

printed on different labels which, in combination, gives the following information required by the different European Standards included in the Body-Armor:

- **CE Marking;**
- name and logo of the Manufacturer;
- designation of the P.P.E. (commercial name + part number: unique/unambiguous);
- number and year of the Technical Standards of reference involved + levels;
- pictogram "i in the booklet" inviting the final user to read the User Manual;
- one complete CE-Markings for each protector included into this product: pictogram for the intended use (motorcycling) + indication of the type of protector and level of performance achieved during laboratory tests;
- size indication (pictograms required by the Norms for the indication of the W-S length and height - ergonomic sizes min-max range in cm, etc);
- on other labels: "Made in...", warnings, care & maintenance symbols, material components, web-site, etc.



FRONT WHITE:



BACK:



FRONT GRAPHITE:



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).

