

CE TYPE APPROVAL CERTIFICATE

n. **525145002/OE**

2014/12/12

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)

Type of PPE: **Neck protector for use by motorcyclists** in conformity with the requirements of the European Directive 89/686/EEC concerning P.P.E.

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: **"Leatt-Brace – GPX/DBX 6.5"**
(series-codes: 1015100xxx)

Description: article: "NECK BRACE LEATT GPX 6.5 CARBON/BLACK": construction: two semicircular pieces of dark grey/black Carbon Kevlar composite marked "LEATT DBX"; quick-release system in the event of accidents by means of an aluminum hub placed on the left side, marking "EMERGENCY OPEN" placed on the frame; on the right side instead, quick-release system in the event of accidents by means of a red button placed under the neck brace, marking "OPEN" placed on the frame; padding: declared composition: black EVA foam; front (in contact with the chest): declared composition: white Glass-reinforced Nylon 15%, marked "SIX-FIVE" in black, matched with declared black EVA foam; The front part of the neck brace can be adjusted by means of a red lever marked "LIFT HERE"; back side (in contact with the back): declared composition: dark grey/white Carbon Kevlar composite, marked "6.5" in white, matched with declared black EVA foam. The back part of the neck brace can be adjusted by means of a red lever marked "LIFT HERE"; fastening system: black elastic strap and transparent polymeric strap fixed to the neck brace with a snap button; the two straps are fixed to each other with a black polymeric quick lock buckle.

views of col. CARBON/BLACK:



and col. CARBON/WHITE:



article: "NECK BRACE LEATT DBX 6.5 CARBON/WHITE": This article differs from the model described above in the following features: construction: two semicircular pieces of dark grey/white Carbon Kevlar composite marked "LEATT GPX" quick-release system in the event of accidents by means of an aluminum hub placed on the left side, marking "EMERGENCY OPEN" placed on the frame; on the right side instead, a quick-release system in the event of accidents by means of a red button placed under the neck brace, marking "OPEN" placed on the frame; front (in contact with the chest): declared composition: black Glass-reinforced Nylon 15%, marked "SIX-FIVE" in black, matched with declared black EVA foam.

the codes "GPX" and "DBX" just indicate a difference in the intended use: "GPX" for motorcyclists (MX/ Enduro/Off-road) and "DBX" for cycling activities (BMX / downhill). For the detailed description of the materials see the following table:

Model series	Main chassis components	Thoracic Lower	Padding	Attachments
GPX/DBX 6.5 Carbon Series	Carbon Kevlar composite Glass-reinforced Nylon	Glass-reinforced Nylon	EVA	Nylon
	Facing Fabrics	Adjusters		
	EVA	Injected PU		

CE TYPE APPROVAL CERTIFICATE

n. **525145002/OE**

2014/12/12

Technical Standard: **me-int 088 rev.08** To verify the suitability of this "special" P.P.E. to meet the basic requirements of the European Directive: "On the approximation of the laws of the Member States relating to personal protective equipment: for the health & safety basic requirements" among which ergonomics, tensile strength, information sheet , and using analogue method to EN 1621-2:2014).

Intended use: Off-road Motorcycling (MX/Enduro etc.) and cycling (BMX/ downhill):
To offer the best possible protection, this neck-brace must always be properly fitted and tightened, and implemented by suitable additional motorcycling equipments (in particular, only in conjunction with a compatible full-face helmet).

Size range:	Commercial sizes	Col.	CODES
	S/M	Black	1015100100
	L / XL	Black	1015100101
	S/M	White	1015100140
	L / XL	White	1015100141

Technical File: **DC-6992** (including Application to **RCT** and Technical Documents).

Test report: **RCT n°334937/E.**

Basis of evaluation: Applicable requirements of the European Directive 89/686 (a revised edition of the present Certification might be required in case a new Harmonized Standard is issued to cover the specific purposes of this special kind of P.P.E.).

Functions and performance levels: To reduce the severity of traumas caused by impacts, the protectors provide limited protection against mechanical impact, including cervical compression and flexion injuries, in case of falls:
Method: "Kerbstone" impact testing at 50J with ref. to EN 1621-2 requirements (analogous method) - Obtained values of transmitted force (MAX – requirement: ≤ 18):
Right side: **10.7 kN**
Left side: **14.2 kN**
All other test (among which: impact resistance of the quick release system, resistance to impact at 70°C/4 h, tensile strength, ergonomics, information sheet: **PASS.**

NOTE: The protective functions also depend on the correct positioning/adjusting of the protector (in particular on a correct connection with the other protective devices, such as chest/back protectors and helmet) which is not part of this assessment.

CE TYPE APPROVAL CERTIFICATE

n. **525145002/OE**

2014/12/12

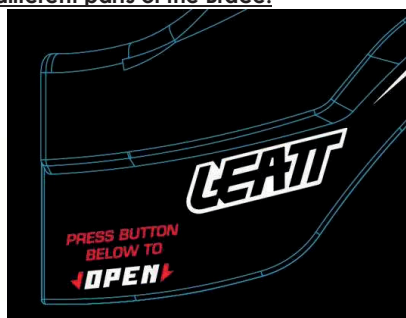
Marking:



printed on labels stitched (declared permanent glue) to the textile parts of the protector (other infos like the size-range are on a hang-tag, or directly onto the P.P.E. with a Graphic/Tampo print) - it includes the following information:

- **CE Marking** indicating the conformity of the PPE to the provisions of the Directive 89/686/CEE (and later amendments);
- Trademark of the Manufacturer;
- The Model (identification name + codes) of the Brace is on the Brace itself as a Graphic/Tampo print;
- Year of Manufacturing will be on the serial number sticker that will go onto the brace parts;
- Cleaning instructions are in the information notice and not on the brace itself.

CE-labelling composition on different parts of the Brace:



CARBON/BLACK:



CARBON/WHITE:



CARBON/WHITE:



Note: the Technical File contains a more detailed description of the PPE (mat., 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 entitled person (supervising body, Controlling Officer).

varied - upon request - to

Marco Meyer
Marco Meyer
 Managing Director