Pey Table System

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This document provides information deemed relevant from the point of view of the environment and also human health and toxicity. The aim of this self-declaration is merely to inform and justify why this product is environmentally preferable over other similar products on the market.

ENVIRONMENTAL VALUES

1. Table made primarily with epoxy painted aluminum and HPL countertop (High Pressure Laminated) based in substrates from wood (cellulose) and thermosetting resin.

2. This product has been re-designed through the application of Industrial Ecology in 2009. The result has been an eco-designed product which has reduced its overall negative environmental impact in 61.9% compared to the initial version.

3. The footprint for this product Pey Table is 103.0 kg CO2 (including the partition panel)

4. ANOR Ecodesign certified product (UNE 150.301 established in the enterprise Mobles 114 in March 2010).

5. Environmental improvement actions have been:

5.1. Using 100% recycled aluminium in the manufacture of the structure

5.2. Reduction / elimination of a variety of materials from the partition panel, mainly metal ones

5.3. 90% reduction of Fe used.

6. The Pey table is completely disassemblable, so the occupied space in transportation is minimized, the maintenance or reparation is possible and the classification of waste is possible as well.

7. Both stainless steel and aluminium can be recovered through recycling by 100%.

8. HPL board is energy recoverable through incineration.

9. HPL board has very low formaldehyde content (below the allowable limit <0.4 mg / h m2), and in its composition there are substances from the wood. It is suitable for food use.

10. HPL board is fireproof F2 class, but will burn at very high temperatures, the ash is not toxic.

11. The surface finish of the aluminium frame is Interpon epoxy polyester powder paint. The painting process is performed by applying heat, so do not use any catalyst or solvent. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment (Directive 67/548/EEC on Hazardous Substances).

12. Complies with Directive 2002/95/EC (does not contain heavy metals such antimony, barium, cadmium, chromium, lead, mercury, selenium that can be found in surface treatments, paints, adhesives, ...).

13. Complies with the REACH Regulation (EC) No 1907/2006 of the European Parliament and Council of 18 December 2006 thanks to: Mobles 114 states that it maintains proper channel of communication with their suppliers and the PEY products do not contain raw materials that need to be registered, does not contain any substances of the SVHC list (Substances of Very High Concern) published by the ECHA (European Chemical Agency) in the specified amounts (the manufacture of PEY products does not exceed the annual amount of 1 ton of these substances that are considered of high concern); the surface finish of the screws are electrolytic zinc, so it contains chromium VI fixed and therefore stable or chemically inert. This substance is considered with restrictions on their manufacture, sale and use only in case of direct and prolonged contact with the skin of the user. For all these reasons, it is considered that PEY products comply with the requirements of the REACH Regulation.

14. The supplier manufacturer of aluminium profiles is certified with ISO14001, ISO TS 16949, OHSAS 18001.

15. The HPL board manufacturer is certified with ISO 14001 management system of their waste.

END OF LIFE

Separation of component materials: steel (sides).
Final residues: steel: recycle point..