

## **Social Corporate Responsibility**

Leyard Europe recognizes that its operations and products have direct impacts on the environment and works proactively to minimize them. In order to achieve goals related to regulatory compliance, resource usage, transportation, material selection and waste disposal.

Leyard Europe understands the importance of materials selection and how product design impacts recyclability at end-of-life. Leyard Europe is part of the Leyard group and produces and re-sells the following brands within the Europe region: Leyard, Planar and eyevis. Leyard group has become the largest supplier of LED walls worldwide (FutureSource nr1 listed).

General information about some of the key regulations affecting our products can be found below.

- **RoHS**

RoHS refers to 2011/65/EU and restricts the following hazardous substances in electrical and electronic equipment: lead (Pb), cadmium (Cd), hexavalent chromium (Cr6+), mercury (Hg), polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE). Additional restrictions on four phthalates (DEHP, BBP, DBP, and DIBP) go into effect on July 22, 2019 as part of EU 2015/863. This amendment was passed on March 31, 2015 and will bring the total number of substances restricted under the RoHS framework to ten.

- **REACH**

European Community Regulation EC 1907/2006 deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. Different substances have different requirements for registration, notification, and restricted applications.

- **WEEE**

WEEE refers to the 2012/19/EU Waste Electrical and Electronic Equipment Directive adopted in July 2012 and regulates the management of electronic waste inside the European Union.

- **Conflict Materials**

Leyard Europe places a high value on the safety, health, and ethical treatment of all individuals in its supply chain. Signed into law in the United States on July 21, 2010, the Dodd-Frank Wall Street Reform and Consumer Protection Act requires the Securities and Exchange Commission (SEC) to establish rules for disclosing the use of tin, tungsten, tantalum, and gold – referred to collectively as “Conflict Minerals” - purchased from the Democratic Republic of the Congo (DRC) and its adjoining countries.

While Leyard Europe is not subject to SEC reporting requirements, it recognizes that many of its customers are and is supportive of their efforts to comply with the law.

Based on set out goals in terms of sustainability and the above regulations, Leyard Europe strives to create added value in three areas: the product, social and environmental dimension - Technology, People, Planet

**TECHNOLOGY****PEOPLE****PLANET**

## 1. Technology

- ✓ The use of digital elements rather than large printed banners gives a far better return on investment over time. The content of a digital element can be easily adopted. With printed banners there is the need to each time re-print when the content changes. Then hang it up and dispose of the old banner.
- ✓ The actual power consumption of a LED wall is very much dependent on the content. In most cases the power indicated is the max power that is used when showing a full white image at full brightness. In practice the typical power usage will be half to one third of that value, this as the screen is not always used in full brightness and the content is dynamic and video centric. This value is mostly indicated as typical power usage.
- ✓ The components used in Leyard LED walls are of premium quality. So we use for example gold wired LED SMDs instead of copper wired for outdoor rated LED walls. This has not only positive influence on the lifetime of the equipment but is also better in terms of conductivity. Gold has a 30% better conduction compared to copper and has better reflection. This leads towards a higher light output with less power. Less power means also less heat dissipation. Which has positive influence on the HVAC requirements. Aside the LEDs we also use power supplies with a power factor of >95%, this makes our LED walls more power efficient.
- ✓ Leyard uses in some of their products a technology called common cathode. Via this method we drive the LEDs in a different manner. Meaning that we turn off the LEDs completely when there is for example a black image shown. Using this technology reduces the power consumption with about 33% compared to traditional common anode technologies.

## 2. People

- ✓ Leyard Europe has a sophisticated HR policy. This means that we want to increase the involvement of the employees and let them work in the best possible conditions: future perspectives, planning with spread of workload.
- ✓ Each employee receives an adapted introduction and guidance during his/her initial period.
- ✓ Organisation of events for employees: for example, a factory Christmas party
- ✓ Equipped with ergonomic furniture for the employees, provision of quality work clothing, protective equipment and tools.

Leyard Europe works mainly around three objectives:

- 1) internal communication: better mutual communication to employees and better reception of new employees
- 2) internal work organisation: optimising sales and production processes for customers
- 3) development of training and career paths for employees

## 3. Planet

- ✓ Choice of building materials (heat pump, glass, insulation materials), solar panels for our production plant
- ✓ Own waste policy compliant to the WEEE standards.
- ✓ Products and solutions compliant to the latest RoHS and REACH standards.
- ✓ Efficient planning of transport: limited transports and combinational transport.
- ✓ Sustainable packaging material: flight cases with standard dimensions so that loading spaces/volumes can be used optimally. Re-usable wooden cases for added protection.
- ✓ Local demo rooms in different countries, reducing the transports of demo-equipment and travel for customers
- ✓ Repurposing material via second hand shop.
- ✓ Recommendation of video conference between the different people and locations limiting the ecological footprint