



Sustainability

Euramax is a coil coater that primarily paints aluminium. Coil coating is carried out in a controlled production facility; this is the foundation for its environmental performance. Aluminium is a versatile material. It is strong, durable, flexible and light weight. More than 55% of the world's primary aluminium is produced using hydro-electric power which is clean, CO2 free and renewable.

Sustainability aluminium

Life cycle

The environmental strength of aluminium is in its life cycle. Aluminium is 100% recyclable, and recycling rates are high. In transportation and construction over 85% of aluminium is recycled. Recycling is done at only 5% of the cost of primary aluminium production without any loss of performance. This makes aluminium an "energy bank".

EC Regulation

Coil coated aluminium can comply with the requirements of product content restriction legislation, such as the End of Life Vehicle and Restriction of Hazardous Substances in Electrical and Electronic Equipment Directives.

Application

Aluminium is light weight which means that lighter sub-structures can be used in aluminium clad buildings.

Sustainability coil coating

Solvents captured / water cleaned

Normal painting processes can result in pre-treatment chemicals, paint solvents and waste water being released into the atmosphere, whereas coil coating in an enclosed environment allows the capture of volatile organic solvents which are transformed into heat that is used in the drying ovens. Water is also closely controlled and processed in an in-house water purification unit before release.

Minimum paint waste

In Euramax, coating application is done by roll coaters that pick up paint from paint trays. Paint is applied on to the coil meaning that overspray (spray paint that does not end up on the surface) is eliminated.

