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Environmental work	Certified management systems in accordance with ISO 9001:2008 and ISO 14001:2004.		

Polyester coated steel plate

Declaration of contents

Steel plate with polyester based coating in conformity with SS-EN 10346:2009, SS-EN 10169:2010.

Recycled material

Contains around 20 % recycled material.

Surface coating

Top coat Front side 25 µm
Type: Polyester
Reverse side 10 µm
Type: Polyester or Epoxy

Metal coating

Total coating on both sides
Zinc coating: 100-275 g/m²

Dimensions

Thickness: 0,40-1,00 mm

Raw material origin

The purchase is mainly made from mills within the EU. Some purchases are made in Asia.

Production

Energy consumption and emission

Electricity is used for operating the production machinery and internal transports. Natural gas is heating the production premises. The total electricity consumption is 9,95 kWh per produced ton.

No emission to water or air.

Distribution of finished product

Production locality

Greve, Sweden

Distribution

The product is mainly carried by long distance truck.

Packaging

The product is normally packaged with combinations of polyethylene film, paper, board, steel sheet/ring, steel/plastic straps and pallet depending on the destination and the customer's requirements. Some of the packaging can be reused, while the remainder is sorted at source and is returned for recycling.

The Construction phase

No environmental influence

Maintenance

Maintenance as cleaning and washing may be necessary to preserve the steel surface and appearance of the corrosion resistant properties.

The plate surface can be influenced by the surrounding environment.

Material recovery

The steel plate can be recycled. Utilized waste from building, maintenance and demolition work and workshops should be separated and returned to the steel industry through the scrap trade.

Working Environment

With conventional use the steel plate doesn't involve any health risks. Respiratory protection should be used when grinding and welding.