



Polyester & Matt polyester

SUPPLIER

Areco Profiles AB, VAT nr: SE556266451501
Address: Vinkelgatan 13, 211 24 Malmö, Sweden

ENVIRONMENTAL WORK

Within the framework of its environmental work Areco Profiles AB has adopted the following measures:

- An environmental policy in line with the rules of the Swedish Work Environment Authority
- An annual environmental audit
- Affiliation with REPA register. 556266451501
- Separation at source
- Regular scrutiny of the internal and external environment
- Chemicals audit prior to use
- Collaboration with STENA for the recycling of waste products

PRODUCT INFORMATION & PRODUCTION

Polyester och Mattpolyester continuously coated sheet steel with a polyester-based surface coating. The sheet steel is delivered to Areco Profiles AB ready-treated and is then formed and pressed into an end product for roofs, walls and fittings. Besides the raw materials, electrical energy is added during processing. For the most part our premises are heated by waste heat from the machines. Waste from the raw materials goes for recovery and the packaging is separated at source. Any other waste is separated at source.

RAW MATERIALS

Polyester and Matt Polyester contains the following materials: Steel core conforming to EN 10346:2009. Thickness 0,4-1,5 mm corresponds to a weight of 3 100-11 700 g/m². The metal coating nearest to the steel core contains 99,6 % Zn and 0,4 % Al. The amount of zinc depends on the thickness and stated in weight/m².

DISTRIBUTION OF THE END PRODUCT

Goods to and from Areco Profiles AB in Malmö are transported by heavy goods vehicle. Transport on our site is carried out using electric or diesel fork-lift trucks. The end product is packaged in LDPE plastic with paper edge protection.

The raw material is usually delivered direct to the customer in 5-8 tonne coils. Profile products are bundled and placed in steel or wooden crates for protection during transport. Steel crates are returned to Areco Profiles AB for reuse and over 70% of the plastic packaging is separated at source.

USAGE PHASE

No health hazards during the usage phase have been documented. Neither does the material bind moisture during storage or construction. Take care to avoid injury caused by products delivered in bundles, such as sheet steel profile or coils, which can have sharp edges.

WASTAGE DURING THE CONSTRUCTION PHASE

Our products are delivered in customised lengths. This minimises wastage. Any wastage is sent for recovery locally.

STORAGE & MAINTENANCE

Store away from acids. Regular inspection and maintenance provide the coated sheet steel with the most favourable conditions for a long service life. Clean and touch up damage with a suitable paint.

WASTE PRODUCTS

Undamaged sheet steel from demolition should be reused. All waste material from construction, repair and demolition is to be sent for recovery so that it can be reused in the manufacture of new raw material.



KARAT coated steel sheet

SUPPLIER

Areco Profiles AB, VAT nr: SE556266451501
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PRODUCT INFORMATION & PRODUCTION

KARAT is a continuously coated steel sheet with a polyester-based surface coating. The steel sheet is delivered to Areco Profiles AB ready-treated and is then formed and pressed into an end product for roofs, walls and fittings.

Besides the raw materials, electrical energy is added during processing. For the most part our premises are heated by waste heat from the machines.

Waste from the raw materials goes for recovery and the packaging is separated at source. Any other waste is separated at source.

RAW MATERIALS

The metal coating nearest to the steel core contains 99,6 % Zn and 0,4 % Al. The amount of zinc depends on the thickness and stated in weight/m².

- Steel core conforming to EN 10346:2009
- Plate thickness: 0.50 - 0.60 mm

Zinc-weight: 275 alt. 350 g/m²
(total on both sides of the steel sheet)

Density steel: 7,85 g/cm³
Density zinc: 7,14 g/cm³

The steel sheet is coated with

Primer 23 µm
Top coat 27 µm
Primer backside 5 µm
Top coat backside 5 µm

DISTRIBUTION OF THE END PRODUCT

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The raw material is usually delivered direct to the customer in 5-8 tonne coils. Profile products are bundled and placed in steel or wooden crates for protection during transport.

Steel crates are returned to Areco Profiles AB for reuse and over 70% of the plastic packaging is separated at source.

USAGE PHASE

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WASTE PRODUCTS

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Alu-zinc coated steel sheet

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PRODUCT INFORMATION & PRODUCTION

Alu-zinc is continuously coated sheet steel. The sheet steel is delivered to Areco Profiles AB ready-treated and is then formed and pressed into an end product for roofs, walls and fittings.

Besides the raw materials, electrical energy is added during processing. For the most part our premises are heated by waste heat from the machines.

Waste from the raw materials goes for recovery and the packaging is separated at source. Any other waste is separated at source.

RAW MATERIALS

Alu-zinc is an ore-based steel containing approximately 20% recycled steel. All of the steel in Alu-zinc is 100% recyclable:

- Steel core conforming to EN 10346:2009
- Width: 1500 mm | Thickness: 0.4-1.5 mm

Metal coating Alu-zinc:

(total coating on both sides of the steel sheet)

Surface coating: 100 - 185 g/m²

Materials

Al	55 wt%
Zn	43,4 wt%
Si	1,6 wt%
Trace elements*	<0,003 wt%

*Refers to the total Pb and Cd.

Steel core (sheet)

Density	7,8 kg/dm ³
Ex.) 0.6 mm thick sheet	approx. 4 700 g/m ²

Materials

Iron	>98 wt%	Al	<0,1 wt%
Carbon	<0,2 wt%	Silicon	<0,4 wt%
Manganese	<0,8 wt%	Phosphorus	<0,1 wt%
Sulphur	<0,1 wt%		

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