

WAREHOUSE COLOUR COATING LINES FROM **BRONX INTERNATIONAL**

- ✓ **Compact Design**
- ✓ **Continual Operation**
- ✓ **Maximum Flexibility**
- ✓ **Minimal Operating Costs**

The Bronx 'Warehouse' lines are a family of compact colour coating lines designed to fit into existing factory buildings.

Proven technology, innovative design, and many years of process experience, have resulted in a family of compact designs that can be installed in buildings with clearance as low as 4.5 metres, without pits, and with minimal additional foundations.

The Compact 'Warehouse' lines allow low investment entry into coil coating for processors wishing to backward integrate, or manufacturers looking to add value to existing products.



➔ **Bronx International**

Bronx has been designing and building organic coating lines for over 40 years with over 40 references in 30 countries.

During this period there have been significant advances in coating technology and equipment design. Bronx has been at the forefront of introducing these technologies to the market.

PRODUCT GUARANTEE

By working closely with major paint and chemical suppliers, Bronx guarantees the following parameters on all colour coating lines.

- ✓ Paint characteristics of final product
- ✓ Oven curing
- ✓ Paint applications
- ✓ Strip cleaning & pretreatment
- ✓ Strip transportation

➔ **Benefits**

- ✓ Low capital cost entry to coil coating
- ✓ Designs available for both two and three coat systems
- ✓ Innovative design allows lines to fit most existing industrial buildings, reducing capital cost
- ✓ Small factory footprint, ensuring minimal foundation
- ✓ Continuous operation providing high prime yield
- ✓ Choice of gas or infra-red (IR) ovens
- ✓ Cost effective manufacture of small tonnages from 10,000T to 30,000T
- ✓ Operator Training and Technology Transfer included in package
- ✓ Optional Quick Change Coaters available
- ✓ Conventional or Chrome-free Pretreatment available
- ✓ Suitable for all commercially available Coil Coating Paint Systems



➔ Operator Training & Technology Transfer

Bronx professional staff have many years of experience in designing, building and operating colour coating lines. Using this experience, all customer line operators are given intensive training on all aspects of coil coating. This includes both classroom and on the job training.

The Training Includes:

- Complete process knowledge
- Product testing and quality control
- Production, technical & maintenance manuals



➔ Line Specification

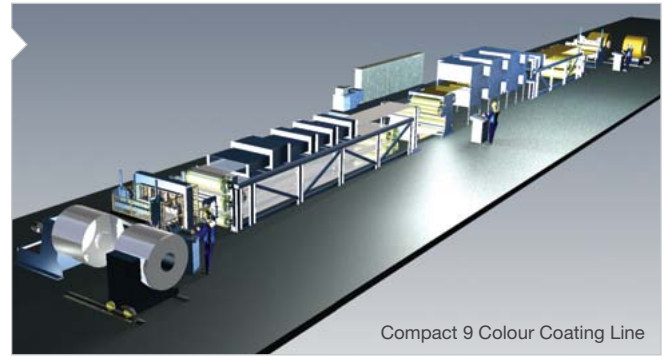
Thickness Range: 0.20mm to 0.80mm
 Width Range: 600mm to 1250mm
 Process Speed: 35 mpm

Typical Substrates

- Steel
- Galvanised Steel
- Aluminium
- Galvalume®

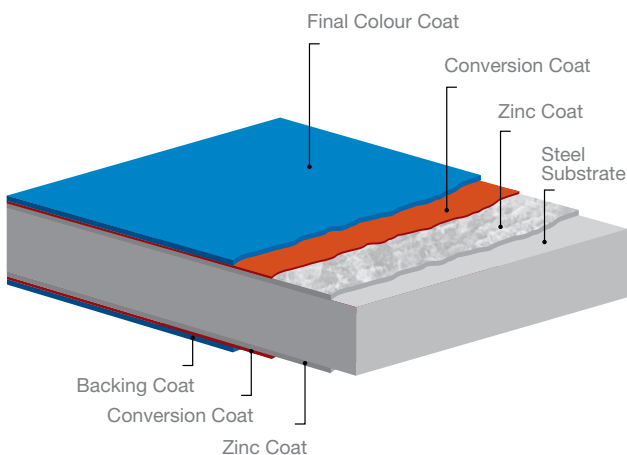
Typical End Uses

- Roofing & Wall Cladding
- Sandwich Panels
- Rainwater goods including guttering
- Appliances
- Furniture



➔ 2 Coat System

- Economical packaging for general applications
- Pretreatment or pretreatment/primer combination chemical placed over base
- Compatible top coat over pretreatment
- Reduced conversion cost advantage



➔ 3 Coat System

- Conventional Paint System - 3 layers
- Chemical, Primer & Top Coat layers
- Suitable for all base products (Galvanised, Zinc Alloy, Aluminium, Uncoated)

