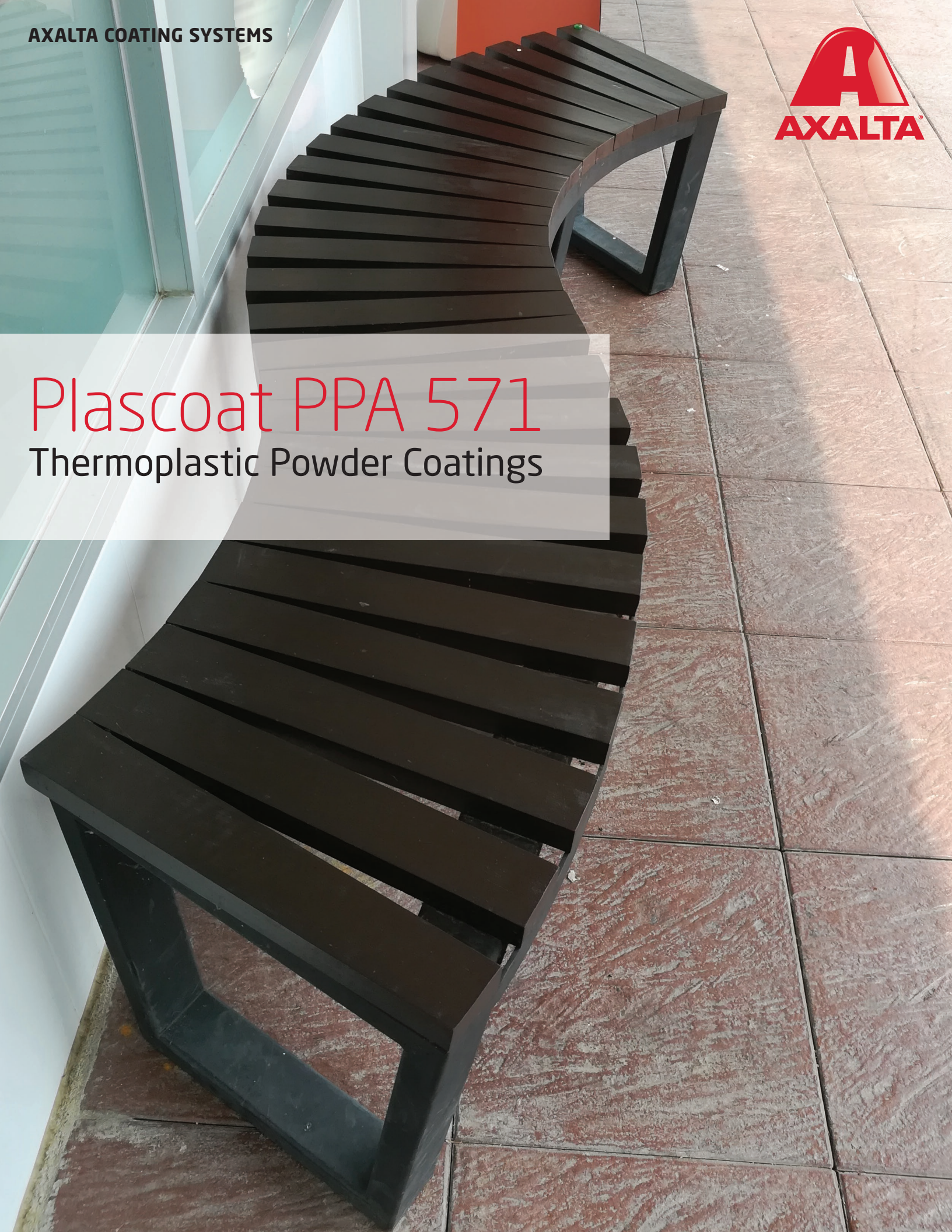
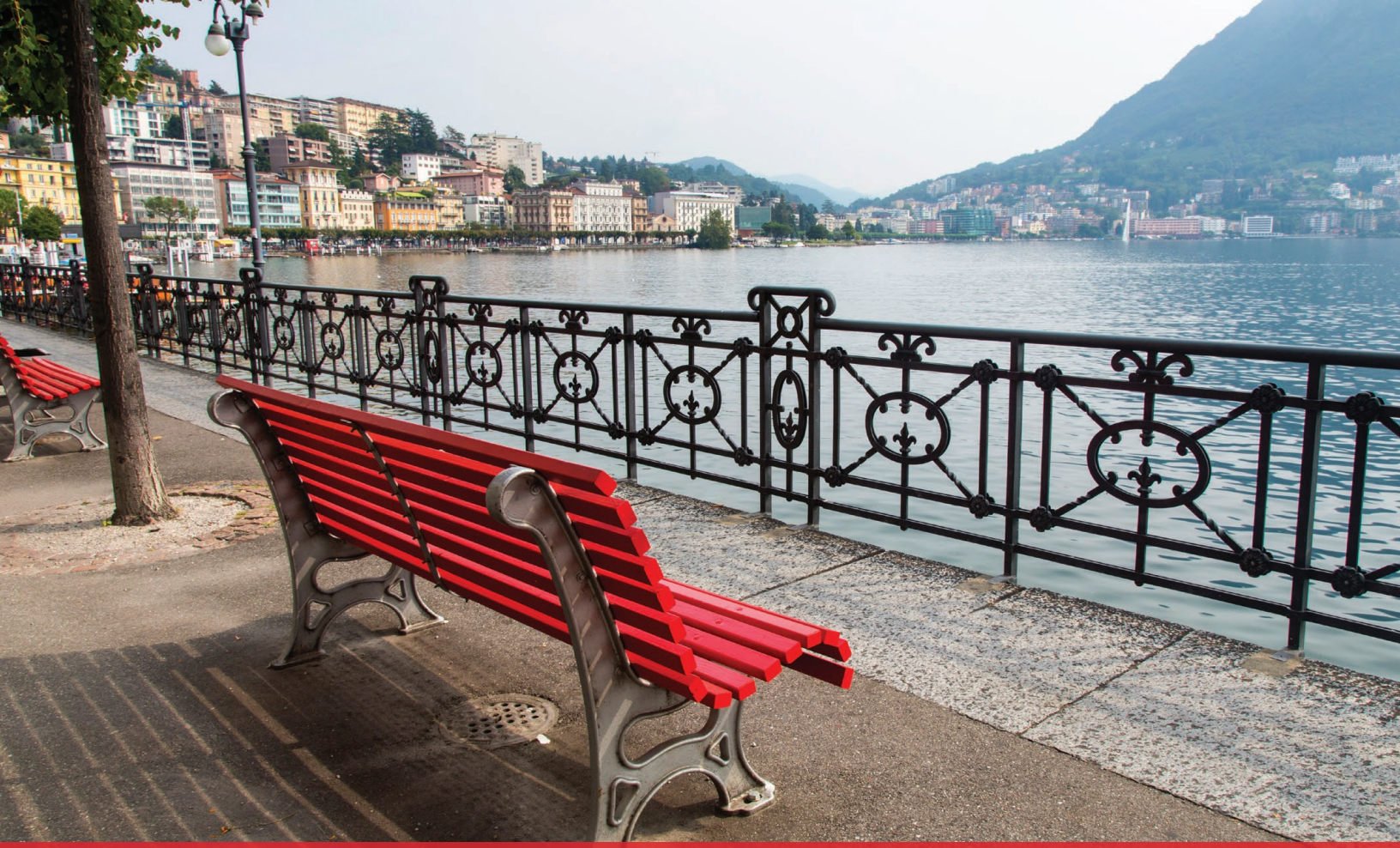
AXALTA COATING SYSTEMS



Plascoat PPA 571

Thermoplastic Powder Coatings

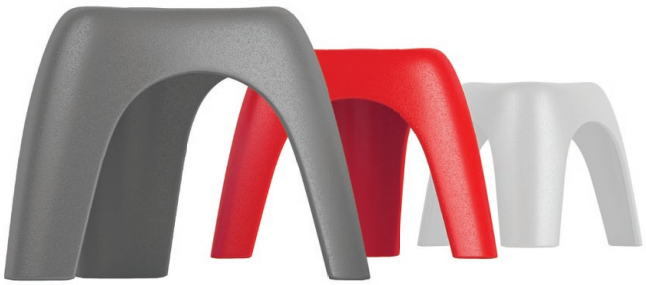


Decades of Proven Performance.

Axalta's PPA 571 is a thermoplastic powder technology designed to provide long-term corrosion protection for metal in the most demanding environments.

Engineered for longevity, UV protection, impact resistance and flexibility, PPA 571 is also reclaimable, providing additional financial benefits.

The unique, durable coating has the versatility to work in a wide array of applications and processing techniques, including electro-static spraying, flame spraying, lock spraying and fluid bed dipping.

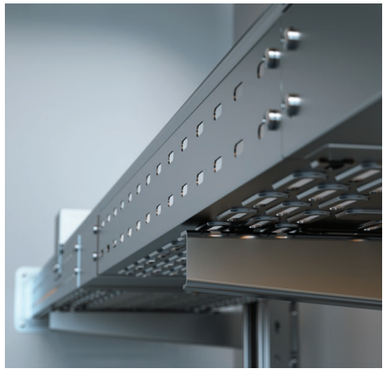


Benefits:

- Superior resistance to salt, sea, sand and sun
- Excellent corrosion and abrasion protection
- Field repairable
- Graffiti resistant
- Electrical insulation properties
- Excellent edge and weld coverage
- BPA and phthalate free
- Approved for contact with food and drinking water
- No primer required (single layer)
- Very low smoke, and zero halogen in event of fire
- Environmentally responsible
- Can be top-coated with a thermoset coating

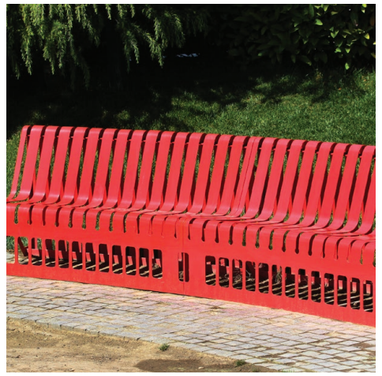
APPLICATION EXAMPLES

PPA 571 is a high-performance coating which offers long-lasting, attractive protection across a wide array of demanding applications.



HIGH FLEXIBILITY ENSURES DURABILITY

In addition to its high electrical resistance, PPA 571 can withstand mechanical forces such as bending and twisting, making it ideal for cable trays and conduits. This technology was used extensively in the London Underground Tube network.

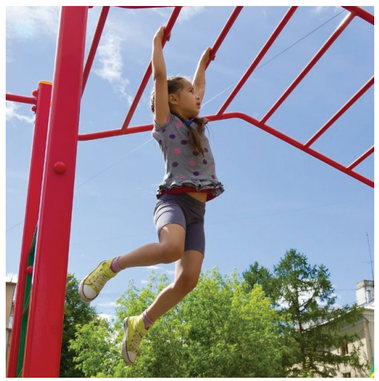


EXTREME WEATHERABILITY

PPA 571 is unaffected by salt spray, stone chips and temperature extremes. It has consistently out-performed traditional thermoset and liquid coatings in protecting bus shelters, cycle racks, benches, trash cans, pedestrian barriers, hand rails, and a wide array of other substrates.

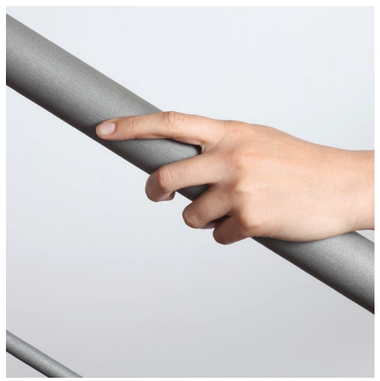
LOW ABRASION AND FADING

PPA 571 meets all the requirements of ASTM F1043-08 and F668-07, and is designed to resist intense heat, sun, salt, sea and desert storms. Thousands of miles of fencing have been successfully coated in areas with harsh climates in the USA and the Middle East.



TOUGH AND RESISTANT

PPA 571 is durable but smooth to touch. Graffiti can be easily wiped clean off coated surfaces.* The technology works great for playground equipment, which is often exposed to demanding climatic conditions, as well as the wear and tear of rigorous and continual use.



SAFE AND DEPENDABLE

PPA 571 provides an easy to clean surface that has a 'warm-to-the-touch' feel, also acting as a 'grip' which can aid in preventing slip and falls.

In the event of a fire, the smoke generated is extremely low in toxicity.

EXCEPTIONAL CORROSION RESISTANCE

PPA 571 provides exceptional corrosion resistance to ensure long-term project economics and shortened repair down-times. This is beneficial to a wide array of end uses, including rock pins, steel in reinforcement concrete and structural metalwork on bridges.

STOCK COLORS

PPA571 is available in the listed stock colors. A comprehensive color matching service is available for large orders. Please contact us for details.

Beige 222
RAL 1015

Yellow 344
RAL 1021

Brown 813
RAL 3009

Red 233
RAL 3020

Blue 542
RAL 5015

Blue 536
RAL 5017

Green 475
RAL 6005

Grey 654
RAL 7001

Grey 640
RAL 7016

Grey 613
RAL 7035

Grey 695
RAL 7046
closest

Brown 838
RAL 8019
closest

Black 700
RAL 9005

Silver
RAL 9006

White 110
RAL 9016

Colors are representations of a coated finish, and will be matched to nearest RAL number where appropriate. Samples are available as coated plates or powder.

TECHNICAL PERFORMANCE

The following laboratory and field tests have been performed on suitably pre-treated metal:

- Salt spray testing to ASTM B117 has exceeded 20,000 hours with no blistering, cracking, corrosion or flaking.
- Under-film corrosion from a scribe tested to ASTM B117 for 1,000 hours on suitably pre-treated steel is between 0 and 0.5mm.
- Loss of adhesion on testing to ASTM D 3359-A is zero.
- After 2,000 hours QUV ASTM G154-06 (which supercedes ASTM G53), Xenon arc (ASTM G26) or five years in Florida at 45 degrees to the sun by the sea, there is no significant change in colour, gloss or mechanical properties.
- At a suitable coating thickness, PPA 571 and PPA 571H will protect metal from stone impacts to automotive specifications (e.g. SAE 400), to water industry standards (WIS 4 52 01 or AS/NZS 4158) and from aggregate slurries (ASTM A926-94).
- Plascoat PPA 571 has been tested to ASTM A 926-94 (salt and grit). After one million cycles all other coatings (including thermosets and galvanising) were completely stripped. Over half of Plascoat PPA 571 coating still remained.
- From in-house tests, it is estimated that PPA 571 coatings will continue to protect the metal for a minimum period of:
  - 35 years outside exposure in northern exposure.
  - 25 years outside exposure in midwestern exposure.
  - 15 years outside exposure in tropical regions.

  Provided that PPA 571 is applied in accordance to the technical datasheet, processing guides and longevity statement recommendations.

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