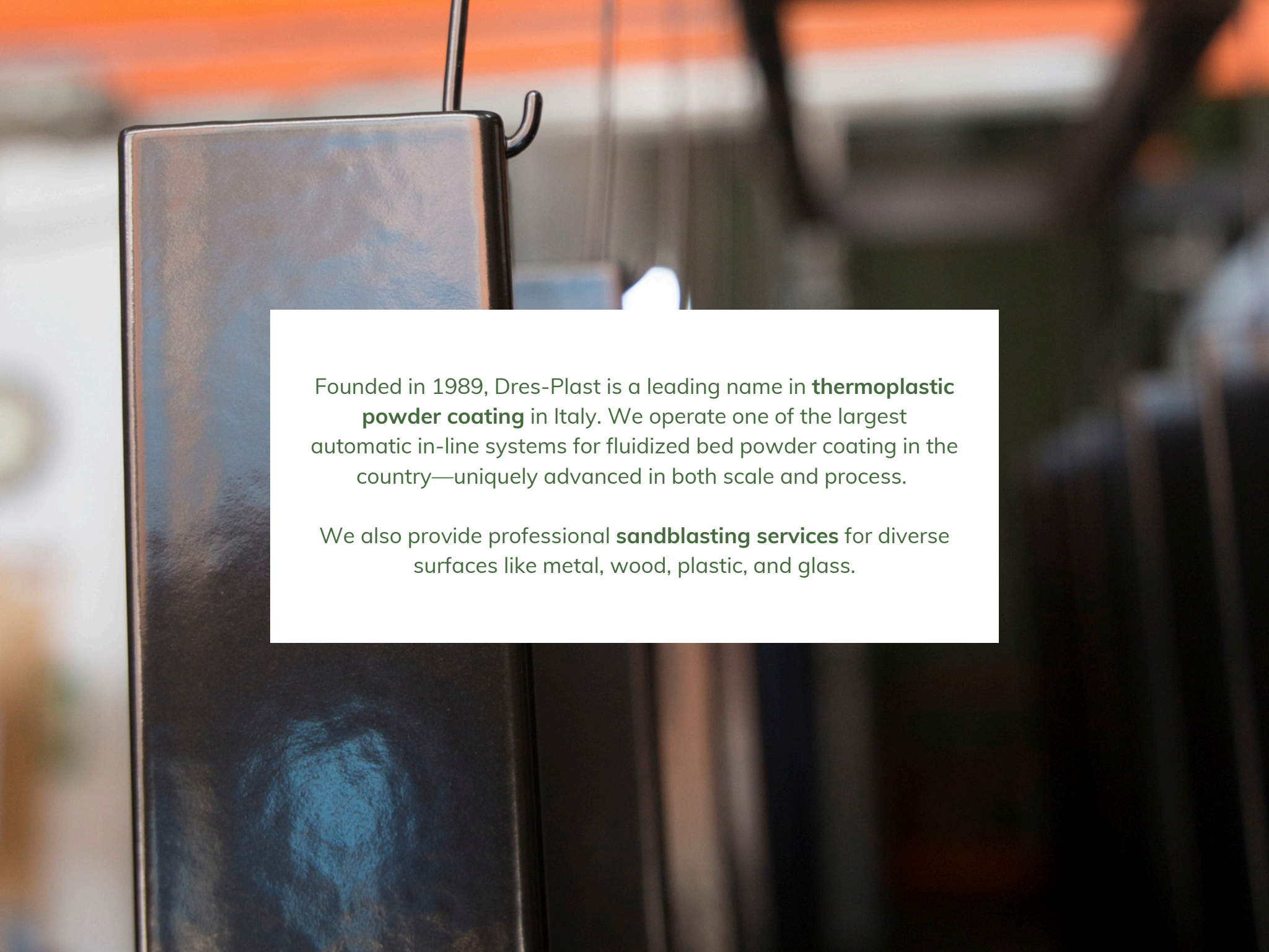


THERMOPLASTIC DIP COATING
SPECIALISTS SINCE 1989



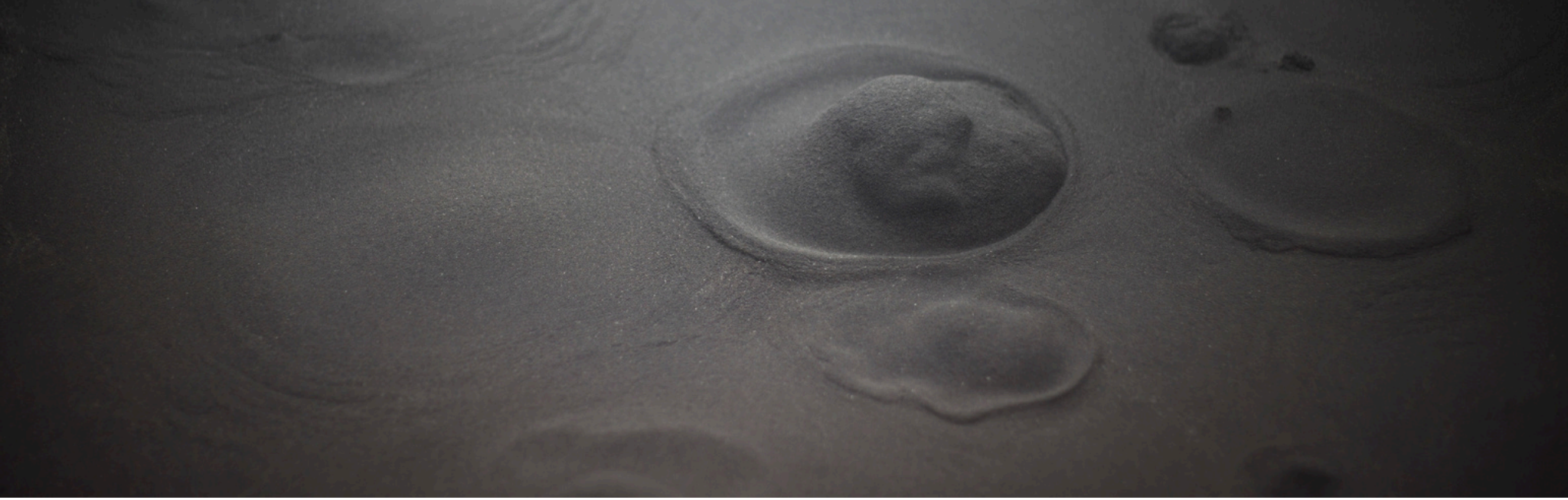
dresplast

where protection meets innovation



Founded in 1989, Dres-Plast is a leading name in **thermoplastic powder coating** in Italy. We operate one of the largest automatic in-line systems for fluidized bed powder coating in the country—uniquely advanced in both scale and process.

We also provide professional **sandblasting services** for diverse surfaces like metal, wood, plastic, and glass.



WHAT IS THERMOPLASTIC COATING?

DECORATIVE. PROTECTIVE. REVOLUTIONARY.

Thermoplastic coatings are medium-density plastic layers applied to metal components for both aesthetic and protective purposes. Applied in powder form, they melt with heat to form a seamless, thick, durable finish. Unlike thermoset coatings, thermoplastics can be reheated and reshaped for easy repairs—making them exceptionally versatile.

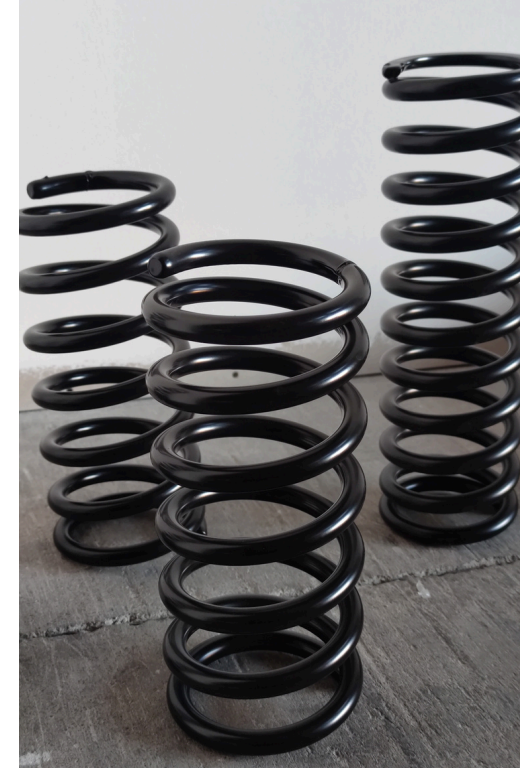
WHERE ARE THERMOPLASTIC COATINGS USED?

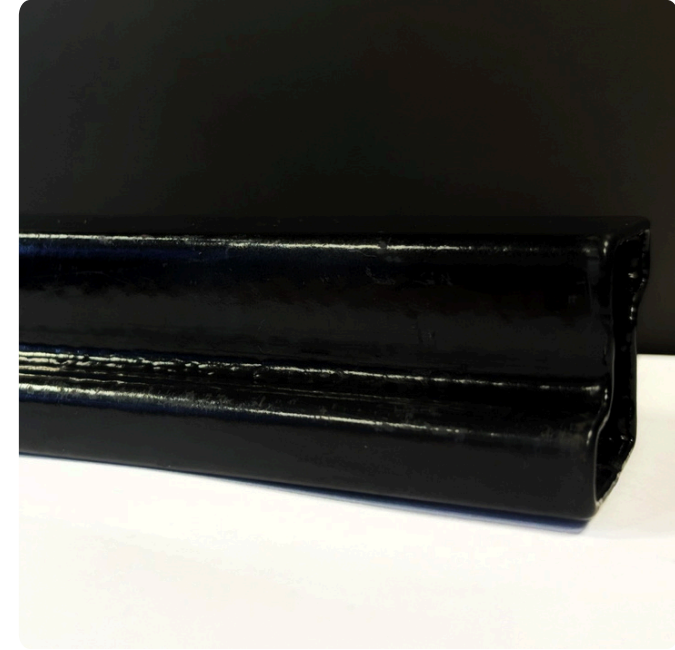
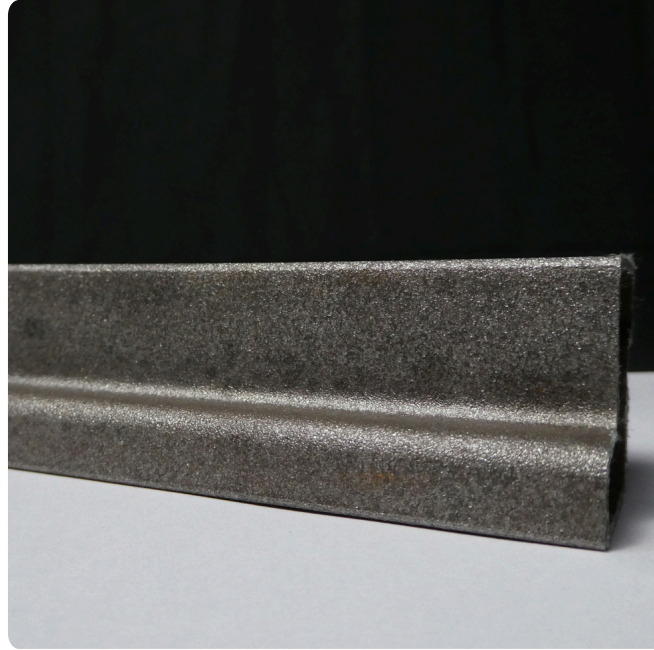
ALMOST EVERYWHERE.

You encounter thermoplastic coatings more often than you think—at home, on the road, or in industry:

- Household appliances: Dishwasher racks, refrigerator shelves
- Infrastructure: Road barriers, fences, guardrails
- Furniture: Outdoor seating, indoor metal furniture
- Transportation: Automotive parts, bicycle baskets, strollers
- Industrial & Marine: Oil/gas pipelines, electrical insulation, marine structures
- Retail & Public Spaces: Display racks, stadium seating, handrails

Their **durability, corrosion resistance, and insulation properties** make them ideal across countless applications.





WHY CHOOSE THERMOPLASTIC COATING?

SUSTAINABLE. SAFE. SUPERIOR.

- Thicker, more durable layers than traditional coatings
- Soft-touch finish that's both comfortable and protective
- Excellent insulation and UV resistance
- No VOCs, halogens, or BPA – environmentally responsible
- Anti-aging, corrosion-resistant, and weatherproof
- Ideal for harsh climates due to superb low-temperature resistance
- Non-toxic and compliant with international environmental standards



OUR PROCESS



PRETREATMENT

Removal of oil, rust,
and contaminants.



PREHEATING

Between 280–
400°C, customized
to the part's
material.



DIPPING

Immersion in
fluidized powder for
3–10 seconds.



COOLING

Air-cooled or
naturally brought to
room temperature.

PRECISION AT EVERY STEP.

WHY CHOOSE DRES-PLAST?

ITALIAN INNOVATION MEETS CUSTOMER
DEDICATION

- One of Italy's largest fluidized bed coating systems
- Free technical consultation and prototyping
- Assistance in selecting the ideal material & thickness
- Fast production and on-time delivery
- Competitive pricing—even for small or single orders

We also offer portable solutions like the ATLANTIS SEMI-AUTO—a semi-automatic system that allows for flame and flock spray coating on-site.

Whether it's at your facility or in the field, Dres-Plast is committed to providing reliable, tailored solutions.





LET'S FIND THE RIGHT SOLUTION TOGETHER

Contact Dres-Plast today and
discover how we can enhance and
protect your products with the power
of thermoplastic coating.

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