

THERMOSETTING POWDER COATINGS					
PROPERTY	INFORMATION	ADDITIONAL BENEFITS	SUBSTRATE TYPE	APPLICATIONS	POWDER TYPE
DEGASSING	The powder cures more slowly, giving the bubbles of air and gas a wider time span to attach from the substrate and escape through the coating.	- Low curing temperature = energy and cost savings - Chemical resistance, stain and scratch resistance, corrosion and UV-resistance. - Excellent spraying properties.	Porous substrates: galvanised or metallised steel, cast iron	Fencing, carports, industrial stairs, bike racks, outdoor equipment or objects, city furniture, etc.	Polyester
IN-MOLD	The powder assumes the shape and contours of the mould and interseparably connects as a top layer to the substrate (fiber reinforced polyester-plastics).	- Clones every mould (smooth to structure, simple to complex) - Tight fit connection with the substrate: extreme durability and resistance (in- and outdoor) - Cost-saving: no additional processes or paint costs after the substrate has been formed. Also: less paint costs because the powder is only applied at the top of the SMC. Nevertheless, the finished product possesses equally strong visual, physical and chemical properties. Homogeneous surface. - Can be applied both as a primer or a final layer. - No ovens needed. The powder is cured in the mould. - Easy to reproduce the end product.	Fibre-reinforced polyester-plastics (SMC)	Spoilers, satellite dishes, stadium seats, body car parts, etc.	Polyester
POST BENDABLE	Allows the coated metal to be bended and reshaped without provoking cracks or splits in the coating (zero T-Bend).	- Great advantages for transport, packaging and warehousing (saves costs, space and time). - Reduces material processing problems. - Bending or shaping the material can happen during assembly, directly on-site, in cold conditions, ...	Steel & aluminium	Window sections for mobile homes, cable layers, reinforcing steel, wall panels, coils, springs, etc.	Polyester
ULTRA CORROSION RESISTANT	The powder offers very high resistance to corrosion.	- Can be applied as a one-layer final coating or as a primer in a two-layered system. - Excellent adhesion to the substrate. - The coating has high mechanical properties (flexibility, surface hardness). NOT UV-resistant.	Steel & aluminium	Reinforcing steel, water pipes, etc.	Epoxy
HIGH CHEMICAL RESISTANCE	The powder offers very high resistance against chemical influences.	- Excellent adhesion to the substrate. - The coating has high mechanical properties (flexibility, surface hardness). NOT UV-resistant.	Steel & aluminium	Pipelines, industrial valves, pharmaceutical and cosmetic packaging, etc.	Epoxy

HEAT RESISTANT	The coating can bear very high temperatures without experiencing adverse effects.	▪ Different applications possible: indoor/outdoor, momentary/continuously heated. ▪ Good corrosion and impact resistance.	Steel & aluminium	BBQ's, stoves and chimneys, engine cases, die-cast engine pieces, sound absorbers, lighting enclosure, car exhausts, etc.	Hybrid
INCREASED OUTDOOR DURABILITY	Formulated to resist burdensome weather influences for a very long period of time	▪ Certifications in the upper test classes. ▪ Strong resistance to weather conditions, UV rays, corrosion, friction, ▪ Very good mechanical properties such as flexibility.Zeer goede hechting aan het substraat. ▪ Very good adhesion to the substrate.	Steel & aluminium	Railings, aluminum cladding panels along busy roads, in coastal areas, city amenities such as lighting poles, mailboxes, trash cans, playground design, traffic signs, steel roofing, architectural designs, etc.	Polyester or fluoropolymer (depending on requirements)
ANTIBACTERIAL	Prevents the spread of harmful microorganisms and suppresses the growth of fungi and bacteria	▪ Long term protection. ▪ Retains antibacterial properties even after repeatedly cleaning. ▪ Very durable. ▪ Can be used in humid environments. ▪ Applications possible both outside or inside.	Steel & aluminium	Handrails, bathroom objects, hospital & fitness equipment, applications in the food industry, etc.	Polyester, Epoxy, Hybrid, Polyurethane
UNIQUE APPEARANCE & FEELING	The coating has a unique look and a silky feel	▪ Both for inside and outside use. ▪ High surface hardness = high resistance to scratches or smudges.	Steel & aluminium	Store fixtures, bicycle frames, bottles, wheels, design furniture or objects, aluminium extrusions, etc.	Polyester
ANTI-GRAFFITI & INCREASED STAIN RESISTANCE	The applied coating facilitates the easy removal of graffiti using commercially available solvents	▪ Extreme durability and good chemical resistance to stains, corrosion and weather conditions. ▪ No cumbersome procedures or high costs to clean the substrate material. ▪ Can also be applied in direct contact with solvents and chemicals (perfumery shops, etc.) ▪ UV-resistant (outdoor applications).	Steel & aluminium	Mail boxes, road signs, bus shelters, lockers, playground equipment, sound walls, public toilets, etc.	Polyurethane
ANTI-STATIC OR CONDUCTIVE	Provides the electrostatic discharge of electronic equipment	▪ Acts as a protective film against static charge. ▪ Electrostatically conductive or insulating.	Conductor: steel and aluminum	Workbenches and – sheets, printers, electrical appliances, starter motors, electric enclosures, racks, etc.	Hybrid, Polyester
ECONOMICAL	Primarily from economic-budgetary considerations	▪ Combines some features of epoxy- and polyester powders. ▪ Smooth powder, however showing a good chemical and mechanical resistance. ▪ Good wear resistance, however only for indoor applications (restricted outdoor resistance).	Steel & aluminium	Mechanical engineering	Epoxy-polyester, Hybrid
PERFECT FLOW	Powder with an exceptional flow	▪ Very good mechanical properties and UV resistance. ▪ Good chemical resistance. ▪ Not compatible with other powders (to be used in a separate (or dedicated) installation).	Steel & aluminium	Topcoat automotive or bicycles, anti-graffiti applications	Acrylic

THERMOPLASTIC POWDER COATINGS					
PROPERTY	INFORMATION	ADDITIONAL BENEFITS	SUBSTRATE TYPE	APPLICATIONS	POWDER TYPE
SAFETY	BREAK RESISTANT COATING - powders surround the substrate in a durable plastic coating therefore reducing the risk of glass and ceramics shattering upon impact. When the coated object does break, the contents remain locked within the durable plastic coating.	▪ Safety coating: minimizes risk, prevents the spread of glass at impact, ensures the correct removal of potentially harmful products. ▪ Reduces time and cost for cleanup. ▪ No primer or curing required = energy saving!	Glass, ceramics	Fluorescent tubes, laboratory bottles, high-end lighting, design objects of glass or ceramics on public places, etc.	High Density Polyethylene
	FOOD SAFE COATING – approved for use in contact with drinking water	▪ Excellent adhesion and resistance to mechanical and chemical influences. ▪ Flexible coating. ▪ Multiple coating layers possible. ▪ Quick flow out. ▪ Smooth finish for maximum flow efficiency. ▪ No primer needed.	Steel	Drinking water pipes	Modified High Density Polyethylene
FLEXIBILITY	Smooth powder (comfortably warm to touch)	▪ Good mechanical properties and chemical resistance. ▪ Outdoor resistance varies according to type of used powder. ▪ High layer thickness as possible. ▪ Good corrosion resistance. ▪ Flexible.	Steel	Playground equipment, outdoor furniture, bicycle racks, amusement park equipment, laboratory equipment, electrical insulation, pipes in the chemical industry, wires, posts, consumer products, etc.	High Density Polyethylene, Low Density Polyethylene, Polyamides, Polyethylene Acrylic Acid
HIGH CHEMICAL RESISTANCE	Coating that offers a very good weather resistance and good resistance to chemical products	▪ Excellent outdoor resistance and resistance to chemicals.	Steel	Chemical industry (valves, flanges, ...), livestock, etc.	Fluoropolymers