Shamrock TECHNOLOGIES

Coil Coatings

Optimize Coil Coatings with Shamrock's Advanced Additives

Achieving superior processing speed, manufacturing efficiency, and uniform quality is essential in coil coating. Shamrock delivers high-performance micronized waxes and fluoropolymers that enhance durability, aesthetics, and functionality.

Why Choose Shamrock Additives?

Our advanced formulations optimize coil coatings by offering:

- **Gloss Control** – Maintain high gloss retention or achieve lower gloss with burnish resistance.
- **Mar & Abrasion Resistance** – Protect surfaces from wear, scuffing, and marring.
- **Water Repellency** – Prevent moisture-related damage for enhanced durability.
- **Slip Control** – Adjust the coefficient of friction to meet performance needs.
- **Blocking Resistance** – Ensure coatings remain intact during stacking and storage.
- **Flow & Leveling** – Achieve a smoother, more uniform finish.
- **Metal Marking Resistance** – Prevent unsightly surface marks for lasting visual appeal.

Versatile Applications

Our additives are engineered for a wide range of applications, including:

- **Roof Decking**
- **Automotive Exhaust Systems**
- **Appliances**
- **Venetian Blinds**
- **Lighting Fixtures**
- **Toys**

Suitable for aluminum and steel substrates, our solutions integrate seamlessly into backer coats, primers, and topcoats.

By incorporating Shamrock's industry-leading additives, you ensure superior protection, extended longevity, and an impeccable finish—meeting the most demanding industry standards.

Coil Coatings

PFAS-free additives

Product	Description	MP Wax (°C)	MV (µm)	Feature
BioSLIP® EC-722	Micronized wax alloy	141-145	4	Slip and scratch resistance
MaxWax® 12	Ox-PE	130-133	12	Release, superior scuff and burnish resistance, increased abrasion performance and anti-blocking
MaxWax® 58	Ox-PE	130-133	7	Release, superior scuff and burnish resistance, increased abrasion performance and anti-blocking
MaxWax® 70**	Micronized wax alloy	130-135	5	Slip, abrasion/rub/mar/scuff/scratch resistance
MaxWax® 80	Hard bio-based wax alloy	126-130	5	Slip and scratch resistance
MaxWax® 421	Modified synthetic wax	125-128	5	General slip and abrasion resistance
MaxWax® 731	Modified synthetic wax	126-128	5	General slip and abrasion resistance
S-381-N1	Micronized wax alloy	91	6	Slip, abrasion resistance, matting, clarity
S-275	Micronized wax alloy	83-125	7	Abrasion/mar/scuff resistance
S-394-N1**	Synthetic wax powder	112	5	Rub/abrasion/mar/scuff resistance, slip, release, hand feel, recoatability
S-395-N1**	Polyethylene wax	125	5	Hardness, recoatability, abrasion resistance, anti-blocking
S-363	Synthetic wax alloy	140	5	Rub/abrasion resistance, slip, gloss control, matting
Texture Ultra Fine	UHMWPE	144	35	Texture, abrasion/mar/scuff resistance, anti-slip, matting
Texture 5378W	UHMWPE	144	50	Texture, abrasion/mar/scuff resistance, anti-slip, matting
VersaFLOW EV	Liquid homopolymer	-	-	Leveling agent
VersaFLOW BASE	Liquid homopolymer	-	-	Leveling agent

**Various particle sizes/grinds available

Regulatory Compliant PTFE additives

Product	Description	MP Wax (°C)	MV (µm)	Feature
SST® RC Series	PTFE	320	2 - 8	Slip, abrasion resistance, release, anti-blocking
FluoroSLIP® 421RC	Synthetic wax/PTFE	114	6	Slip, high rub resistance, mar/taber/abrasion/block resistance
FluoroSLIP® 731MG-RC	Synthetic wax/PTFE	111	3 - 6	Slip, high rub resistance, high clarity and gloss retention, mar/taber/abrasion resistance

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