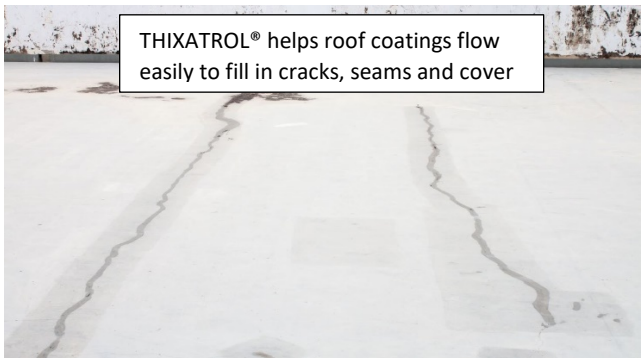
Elementis Performance Series

Rheology Modifiers for High Performance Roof Coatings

The organic thixotropes from Elementis, an industry leader in innovation and sustainability, enable the formulation of high performance roof coatings. The low temperature of activation allows for enhanced manufacturing efficiencies, storage stability and improved process control. The high share of bio-based raw materials contributes to meet high sustainability demands. Our application labs and technical experts are at your service to support you in order to maximize the benefits in your formulation.

THIXATROL® rheology modifiers work effectively in silicone based roof coatings to improve application performance. Versus traditional thickeners (fumed silica, micronized waxes, etc.), THIXATROL® rheology additives help improve the flow of roof coatings. This results in increased application efficiency over new or existing roofs.

- Easier (much less dust) and safer handling versus fumed silica
- Enhanced spray application due to strong pseudo-plastic flow, perfect leveling for easy application during rolling
- High efficiency resulting in excellent sag resistance
- Improved viscosity stability on storage
- Wider window in activation temperature leading to more efficient production process
- Compared to fumed silica, 20 times higher density allowing less volume in transport and storage space



THIXATROL® helps roof coatings flow easily to fill in cracks, seams and cover

Performance system for high performance industrial coatings: high solids and solventborne

Product Name	Product Type	Composition	Description
THIXATROL® AS 8053	Rheology Modifier	Amide Based Organic Thixotrope in Powder Form	- Activation temperature 40 – 60°C reachable by traditional mixing during the production process
THIXATROL® PM 8054	Rheology Modifier		- Especially for low polarity systems - Activation temperature 50 – 65°C
THIXATROL® PM 8056	Rheology Modifier		- Activation temperature 50 – 70°C achievable during pigment grind/ mill base process
THIXATROL® MAX	Rheology Modifier		- Activation temperature 65 – 85°C depending on polarity

Elementis.com/Coatings/Performance-Series

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