

Eastman Optifilm™ additive OT1200

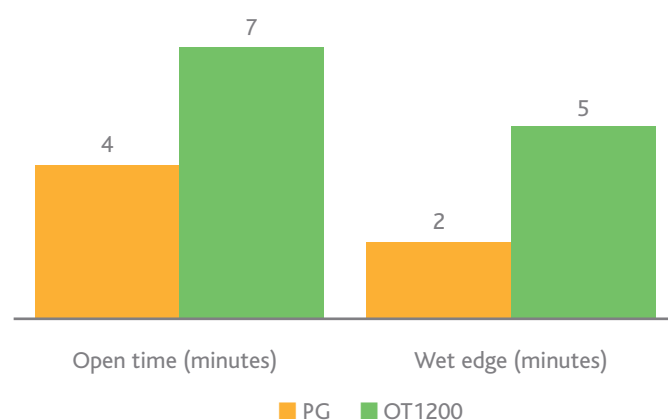
Enabling performance, aesthetics, and compliance in architectural paints

For over 40 years, Eastman has provided a premium portfolio of coalescents to the coatings industry. Now, building on our technical expertise and market understanding, we introduce the Eastman Optifilm™ additive family of products. The first of these products, Eastman Optifilm™ additive OT1200, is designed to enhance the open time and wet edge of acrylic semi-gloss trim paints.

Eastman Optifilm™ additive OT1200 is a low VOC¹ additive that improves the open time and wet edge of latex paints over a range of application conditions, without negatively affecting other paint properties. It is designed to be substituted for volatile glycols, giving a substantial reduction in the VOC content of the paint while maintaining or improving open time and wet edge properties.

In the following example, Eastman Optifilm™ additive OT1200 was substituted at equal actives for the propylene glycol in the formulation. At this much lower VOC level, the paint has improved open time and wet edge properties.

Semi-gloss paint: open and wet edge times



Eastman Optifilm™ additive OT1200 will give this improvement in open time and wet edge properties while maintaining other key properties, such as water resistance, wet adhesion, blocking resistance, and stability.

¹In regions defining VOC by a boiling point of 250°C, Eastman Optifilm™ additive OT1200 contains <1% VOC. In the US, the VOC content of OT1200 is 7%, as determined by an outside lab using the ASTM D2369 volatility less water (ASTM D4017) and ammonia.



Eastman Optifilm™ additive OT1200 is a formulated product with the following properties.

Typical properties of Eastman Optifilm™ additive OT1200

Property	Typical value
Active content, %	69
Density, g/cm ³	1.08
Viscosity, cps	8500
pH*	8.3
Appearance	Hazy
Water, %	28

*5 g of Optifilm OT1200 in 100 g of water

Formulating with Eastman Optifilm™ additive OT1200

Eastman Optifilm™ additive OT1200 can be incorporated in the letdown, with good mixing, prior to thickener addition. It may be necessary to adjust the thickener level to maintain viscosity in some formulations.

You rely on the Eastman portfolio of coalescents to give you a competitive edge in today's dynamic coatings industry. With the addition of new Eastman Optifilm™ additive OT1200, we offer you more ways to rely on Eastman for the quality and reliability you've come to expect.

For starting point formulations, please ask your sales representative for more detailed literature or go to www.eastman.com/optifilm.



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Material Safety Data Sheets providing safety precautions that should be observed when handling and storing Eastman products are available online or by request. You should obtain and review the available material safety information before handling any of these products. If any materials mentioned are not Eastman products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

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