



Alcosperse[®] OTA-100

A VOC-free and APEO-free polymeric additive to extend open time in water based paints and coatings

Alcosperse OTA-100 Open Time Extender is an innovative additive which improves Open Time and workability of water based paints when added at 0.6 to 1.2 % active wt. It can be used to both improve Open time of low VOC paints and replace glycols to reduce VOC. This product provides performance in All acrylic, Styrene-acrylic, and Vinyl acrylic formulations and does not affect important properties such as scrub, stain, and water resistance.



Benefits and features

- VOC free
- Improves flow and leveling
- Improves gloss
- Excellent dispersion stability
- Low odor

Open time Improvement across commercial paints

| Paint | Open Time | Open Time with OTA-100 | Addition Rate (active wt%) |
|----------------------------|-----------|------------------------|----------------------------|
| All Acrylic Semigloss (US) | 15 | 20 | 0.9 |
| All Acrylic Semigloss (US) | 5 | 11 | 0.9 |
| All Acrylic Satin (US) | 10 | 18 | 0.9 |
| All Acrylic Matte (US) | 2 | 8 | 0.9 |
| All Acrylic Flat (US) | 6 | 12 | 0.9 |

Test method: ASTM D7488

OTA-100 Impact on Paint Properties

| Paint Property | Alcosperse OTA-100 | Competitive technology |
|-----------------------|--------------------|------------------------|
| Open time lab test | ++ | + |
| Open time application | ++ | + |
| Flow and Leveling | + | + |
| Block | = | -- |
| Sag resistance | = | |
| Color Acceptance | = | = |
| Scrub Resistance | = | |

Contact us directly for detailed product information and sample request. [website | nouryon.com](http://www.nouryon.com) email | paintsandcoatings@nouryon.com

Nouryon

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