

Nouryon

Ethylan[®] EF-60

Multifunctional additive to deliver accessible VOC-free, freeze thaw stability to waterborne latex and coatings



Ethylan EF-60 is an accessible VOC-free additive designed to impart freeze thaw stability to waterborne latex coatings and adhesive systems. Equally important, Ethylan EF-60 enables low-odor and safer formulations for premium grade waterborne paint products without compromising performance in addition to enabling better appearance and finish.

When added to waterborne latex systems, Ethylan EF-60 surfactant-based technology will impart colloidal stabilization to promote storage stability especially at low temperatures. This allows formulators to eliminate the use of more traditional solvent-based, anti-freeze agents thereby effectively reducing the overall VOC in emulsion paint/adhesive systems to comply with the increasing environmental regulatory requirements.

Ethylan EF-60 can replace industry standard solutions such as Propylene Glycol, PEG and EG without compromising on processability and other latex binder performance.

Applications

Ethylan EF-60 provides formulators with the essential functional attributes for a variety of applications.

- Freeze thaw (FT) stability for waterborne latex architectural paints
- Freeze thaw stability for waterborne latex applications for adhesives, textile coating and inks
- Open time extension for water borne applications such as coatings, adhesives and inks

Key benefits for formulators

- APE and VOC-free – compliance to ever increasing environmental regulations
- Freeze thaw stability
- Lower odor compared to solvent borne FT agents
- Maintains open time to impart processability
- Better pigment wetting and dispersion compared to traditional FT agents
- High efficacy allows formulators to access VOC-free FT performance for a wide range of waterborne formulations e.g. high PVC coating formulations

Technical Properties

Ethylan EF-60 alcohol ethoxylate

Appearance	Clear liquid
Active content	60%
pH	5-7
Viscosity, cps @ 25°C	3500

Packaging

Ethylan EF-60 additive is supplied in 200 KG drums.

Usage

Please consult Nouryon technical support representative in your region to define ideal dosage suggested for your systems.

Storage and handling

For complete information on how to handle and store Ethylan EF-60 additive, please request a product Safety Data Sheet by contacting Nouryon Customer Service in your region.





Contact us directly for detailed product information
and sample request at pci@nouryon.com

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About Nouryon

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For more information visit surfacechemistry.nouryon.com

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