



Dow Construction Chemicals

Leave Them High and Dry

RHOPLEX™ EC-3000 Acrylic Polymer



RHOPLEX™ EC-3000 is a 100-percent acrylic polymer for elastomeric roof coatings with fast-setting technology that provides resistance to rain in as little as 20 minutes. This technology can protect a coating from adverse weather while it cures in high humidity and overcast conditions. Therefore, it can help extend the application season for roofing contractors.

Typical Applications

Roof coatings based on RHOPLEX™ EC-3000 are brush, roller, or spray-applied and can be used in existing formulations as a replacement for other well-known polymers such as RHOPLEX EC-1791, so there's no need to develop new coatings formulations. Coatings based on RHOPLEX EC-3000 are an ideal choice for a wide variety of substrates, including:

- Polyurethane foam
- Metal
- Concrete
- Aged asphalt surfaces

Product Features

When properly formulated and applied, elastomeric roof coatings based on RHOPLEX EC-3000 polymer offer these features:

- Resistance to moisture in as little as 20 minutes of drying time – even in lower temperatures, high humidity and overcast conditions
- Protective barrier to ultraviolet light, which helps prevent rapid degradation of underlying roof materials
- Significantly lower roof surface temperatures, which can help reduce the cooling load on the building and the “urban heat island effect”
- <50 g/liter VOC (volatile organic compounds)
- Excellent flexibility at temperatures as low as -15°F (-26°C)
- Advanced adhesion to various roofing substrates
- Excellent dirt pick-up resistance
- User-friendly; only soap and water are needed for clean-up

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