



Dow Construction Chemicals

## RHOPLEX™ 4400 Acrylic Polymer from Dow Construction Chemicals



### The Possibilities Are Endless.

RHOPLEX™ 4400 expands the possibilities in the world of caulks and sealants formulations. This novel chemistry was developed to provide wide formulation latitude and comply with ASTM C-920 and ASTM C-834 specifications without the use of plasticizer. RHOPLEX 4400 can help deliver performance or cost benefits depending on your application needs.

Products formulated with RHOPLEX 4400 not only provide good adhesion to a variety of construction substrates and excellent exterior durability but also offer sustainable attributes – helping you to develop plasticizer-free, low-VOC, low-formaldehyde and APEO-free formulations.

#### Typical Physical Properties

- -43°C Tg
- 63% solids
- 180 cPs viscosity
- 8.6 lb/gal
- 4.5 pH

#### Green Attributes

- APEO-free, St-free, AN-free
- Ultra-low formaldehyde
- Can be formulated into CARB-compliant or low-VOC formulations



### And the possibilities continue... RHOPLEX™ 4400 also provides

Enhanced aesthetics due to the elimination of plasticizer migration, leading to significantly reduced dirt pickup, glossing, mildew growth and paint discoloration.

- Enhanced long-term performance due to the elimination of plasticizer migration, leading to excellent weatherization capabilities.
- Enhanced compatibility with construction components, eliminating EPS or PVC degradation caused by plasticizer attack.
- The ability to reduce formulation costs by eliminating plasticizer or increasing P/B.



## Better Building Starts Here



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In the U.S.

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