



Tianba™ 2012

New Generation of Eco-Friendly flexible acrylic polymer

Tianba™ 2012 is developed based on Dow's Tianba™ technology platform, which is dedicated for waterproof application. It inherits all the salient characteristics of Tianba™ like good water resistance, alkali resistance and outstanding adhesion. Besides, the biggest update would be in its environment performance. It is formaldehyde free, APEO free, Ammonia free and very low VOC content. What's more, it could also achieve better cement and powder compatibility coupled with very good balance of mechanical performance, which fits well with the industry trend in being environment friendly and yet remain a high performance product.

Features and Advantages

Features	Benefits
<ul style="list-style-type: none">Balanced mechanical properties	<ul style="list-style-type: none">Achieve both high tensile and elongation in the formulation
<ul style="list-style-type: none">Special polymer design	<ul style="list-style-type: none">Good water resistance, Alkali resistance
<ul style="list-style-type: none">Designed for waterproof coating	<ul style="list-style-type: none">Formulation could achieve better impermeability and crack bridge performance
<ul style="list-style-type: none">Better powder compatibility	<ul style="list-style-type: none">Improve formulation stability and workability
<ul style="list-style-type: none">Formaldehyde free, APEO free, Ammonia free	<ul style="list-style-type: none">Eco-Friendly, No harm to human health

Typical Physical Properties

The following are typical physical properties but should not be regarded as specifications

Appearance	Milky white
Polymer Type	Styrene Acrylic
Solids, by weight %	56.0
pH Value	6.0
Viscosity(3#,60RPM,25°C)	<1100
Temperature (MFFT)	<0°C

Safe Handling Information

Dow Material Safety Data Sheets (MSDS) contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Dow Company recommends that you have your local Dow technical representatives supply you with MSDS on all our products before using them in your facilities. We also suggest that you contact the suppliers of other materials recommended for use with our products for appropriate health and safety regulations before use.

Chemical Registration

Many countries within the Asia-Pacific require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow Company does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

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