

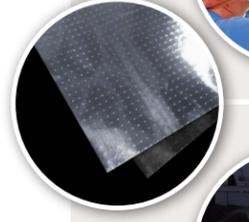
What goes into *our* products makes *yours* green.

The *Ingredients* of **Green**.[™] **E•Gen**[®]



Arclin applies its proprietary **E-Gen™** designation only to its products that are expressly engineered to meet or exceed existing product performance standards **and** to reduce manufacturing and downstream environmental impact.



Product	Applications	The Ingredients of Green.™	Markets
 <ul style="list-style-type: none"> Ultra Low-Emitting Decorative Melamine Overlays for Particleboard panels MDF panels Specialty plywood panels 	<ul style="list-style-type: none"> Architectural wall paneling Cabinets Flooring Store fixtures Furniture 	<ul style="list-style-type: none"> GREENGUARD for Children & Schools™-certified Available with FSC-certified papers Facilities are FSC chain of custody certified May contribute to LEED EQ Credit 4.4 for improved indoor air quality 	<ul style="list-style-type: none"> Commercial interiors Retail interiors Residential interiors Schools & hospitals Government & institutional
 <ul style="list-style-type: none"> E-Natural™ Ultra low-emitting resin systems for wood panels 	<ul style="list-style-type: none"> Architectural wall paneling Cabinets Flooring Store fixtures Furniture 	<ul style="list-style-type: none"> For ULEF applications Qualifies for LEED EQ Credit 4.4 for improved indoor air quality Less than 0.04 ppm emission level (at or below naturally occurring levels) 	<ul style="list-style-type: none"> Commercial interiors Retail interiors Residential interiors Schools & hospitals Government & institutional
<ul style="list-style-type: none"> E-Sorb™ Zero-emitting resin systems for wood panels 	<ul style="list-style-type: none"> Architectural wall paneling Cabinets Flooring Store fixtures Furniture 	<ul style="list-style-type: none"> ULEF capable Qualifies for LEED EQ Credit 4.4 for improved indoor air quality Typically undetectable emission levels (at or below naturally occurring levels) 	<ul style="list-style-type: none"> Commercial interiors Retail interiors Residential interiors Schools & hospitals Government & institutional
<ul style="list-style-type: none"> Low-Emitting Resin Systems for wood panels 	<ul style="list-style-type: none"> Architectural wall paneling Cabinets Flooring Store fixtures Furniture 	<ul style="list-style-type: none"> CARB Phase II compliant May contribute to LEED credits for improved indoor air quality 	<ul style="list-style-type: none"> Commercial interiors Retail interiors Residential interiors Schools & hospitals Government & institutional
 <ul style="list-style-type: none"> FSC Overlays for Concrete Forming for MDO panels HDO panels Phenolic surface films 	<ul style="list-style-type: none"> Concrete forms for high quality and architectural finishes Signs Paintable/glueable surfaces Moisture barriers Pre-primed overlays Special purpose overlays and surfacing applications 	<ul style="list-style-type: none"> Extend panel life up to 20 times non-overlaid BB Plyform panels Available with FSC chain of custody certification May contribute to LEED MR Credits 2.1 and 2.2 for waste reduction and MR Credits 3.1 and 3.2 for material re-use Cut materials costs by up to 64%, reduce jobsite waste, preserve natural resources 	<ul style="list-style-type: none"> Commercial construction Roads & transportation infrastructure
 <ul style="list-style-type: none"> E-Sulate™ Formaldehyde-free insulation binders 	<ul style="list-style-type: none"> Fiberglass thermal insulation Mineral wool insulation 	<ul style="list-style-type: none"> Water-based, formaldehyde-free May contribute to LEED EQ Credit 3.2 and points under the NAHB's Green Building Standard High recovery for maximum yield, R-value Excellent moisture resistance 	<ul style="list-style-type: none"> Residential construction Commercial construction
 <ul style="list-style-type: none"> E-Flect™ Radiant heat barriers 	<ul style="list-style-type: none"> Roof sheathing for hot climates or special code situations 	<ul style="list-style-type: none"> Up to 97% radiant heat blocked Reduce building cooling costs Pre-perforated 	<ul style="list-style-type: none"> Residential construction Commercial construction
 <ul style="list-style-type: none"> Dust-X RT904 Coal dust suppression for rail transport 	<ul style="list-style-type: none"> Rail transport 	<ul style="list-style-type: none"> Biodegradable, non-toxic alternative to petroleum-based systems Made from renewable organic materials May enable tax credits for alternative fuels 	<ul style="list-style-type: none"> Mining

More Sustainable Products from Arclin:

Building & Construction

High Recovery Systems for thermal fiberglass insulation
Increases insulation loft and resilience, guaranteeing highest total product yield while maintaining R-value

Agriculture

Liquid Slow Release Fertilizers for turf grass, specialty crops, citrus, grains, wheat
Innovative technology allows direct application without burning
Increases yield, reduces runoff (soil-binding)
Low salt, biuret

Energy & Mining

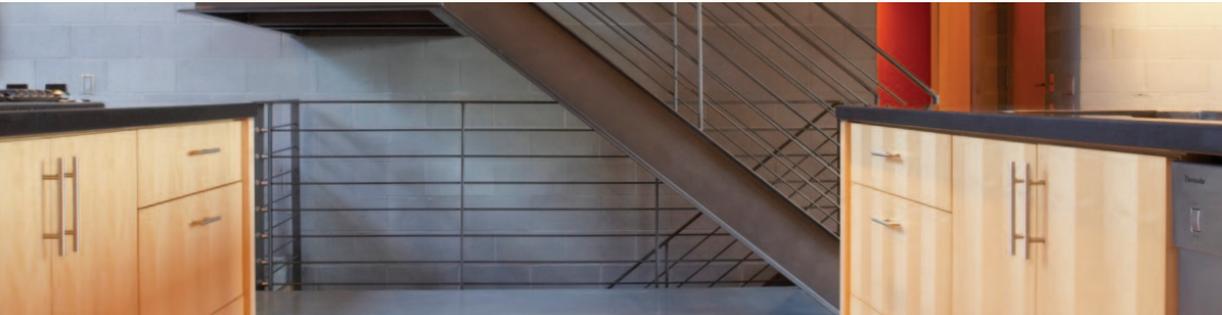
Clay Blender
Increases ore yields by up to 20%, provides 95% material recovery, extends pot life and storage stability up to 4 months, reduces waste and fresh water usage

Flocculants & Depressants for water clarifiers, thickeners, settling ponds
Nonionic system enhances performance
Improves water clarity, reduces fresh water usage, eliminates waste
Higher yields, greater recovery

Dedusting Aids for haulage roads, railcar toppings and specialty applications
Water-based, biodegradable formulas are non-toxic, environmentally friendly alternative to petroleum-based systems
Cost-effective, long-lasting, enhance operational safety

The Facts About Green (That is, the truth about formaldehyde)

When the market talks air emissions from building products, it's often talking about formaldehyde-based resins. Formaldehyde is a naturally occurring chemical that helps make construction materials stronger and longer lasting. Arclin leads the industry in mastering resin technologies that enable us to maintain the strengthening attributes of formaldehyde while keeping emissions at safe levels — or virtually eliminating them altogether. Get the whole story at www.e-gen.com/the facts



e-gen.com
1.877.689.9145

Our Commitment

Arclin has long been committed to reducing our own environmental impact and to meeting our customers' and downstream market needs for sustainable products. Internally, we've devised our own Green Sigma™ program, applying Six Sigma® quality assurance principles to sustainability practices. Externally, we continue to introduce new products that leverage our scientific and engineering expertise to maximize performance and minimize impact.

Partners in Sustainability



The mark of responsible forestry.
Please inquire about FSC availability.

Forest Stewardship Council chain of custody-certified papers come from responsibly harvested forests. Arclin's surfaces facilities are FSC chain of custody certified



The GREENGUARD Environmental Institute has established criteria for acceptable indoor air quality. Arclin's decorative surfaces are GREENGUARD for Children & Schools™-certified, meeting the most rigorous air standards enacted to date

