Full Line of Glass Processing Solutions — Acecut, Acecool, and More

Chemetall manufactured and available in North America — Get in touch today!







Start your finish with us!

- Global product line manufactured in North America
- Best-in-class glass fabrication solutions
- Extensive technical expertise
- Comprehensive on-site local engineering support
- Fast and accurate lab analysis

We will help you optimize your processes, and your customers will realize the results!

Top quality products

- Cutting fluids
- Coolants
- Interleaving powders (Lucor)
- Coagulants and flocculants
- Polishing compounds
- Liquid stain protection



Chemetall expect more •

Quality glass reflects well on you



Cutting fluids

Reduce chips, keep your cutting tables clean, and keep the score open for soft breakout.

Acecut 5503 U	Fully evaporative cutting fluid designed to cut coated glass and float glass for automotive and architectural fabrication.
Acecut 5929 U	Fully evaporative cutting fluid with a slower evaporation rate designed to cut warm or hot glass, or where the glass waits before breakout.
Acecut 6000 U	Washable cutting fluid designed to cut complex shapes and curves, and to cut heavy glass 4 to 25 mm thicknesses.



Coolants

Improve the quality of your edge grinding, drilling, beveling, and keep the glass fines soft.

Acecool 6553	Fully synthetic, high performance coolant for high speed glass grinding and drilling. Designed for high throughput, excellent edge quality, and increased tool life.
Acecool 5679	Fully synthetic coolant designed for architectural and automotive glass grinding and drilling. Keeps the glass swarf soft.
Acecool 6563	Fully synthetic coolant for edge working, drilling, sawing, and beveling of automotive, architectural and solar glass. Special non-foaming formula.
Coagulants and Flocculants	Specific products available which are widely used throughout the glass industry.



Interleaving powders (Lucor)

Stain protection and separation during storage and transport.

AL-55	Acrylic beads with adipic acid for separation and stain protection.
AX-64	Acrylic beads with added adipic acid for improved stain protection.
BL-55	Acrylic beads with boric acid for separation and stain protection.
47-GS	Acrylic beads without stain protection for flat, tempered, and soft coated glass.
CG-110	Acrylic beads without stain protection for soft coated low e-glass types.
CB-1	High performance product with very tight particle size distribution for soft coated glass.
UME	Ultra-high molecular weight powder for hard coatings and mirrors.



Remove strong adhering impurities and initial glass corrosion.

Acepol AL	Special polishing agent based
	on aluminum oxide for polishing/
	cleaning glass before sputtering.









Innovative engineering

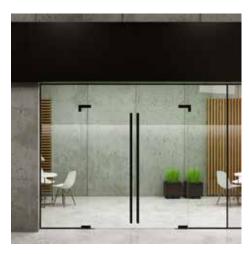
- On-site technical support
- Audits and laboratory analysis
- Maximize tool life
- Minimize consumables
- Professional recommendations to increase sustainability and productivity

Emerging trends in glass fabrication and coatings



Automotive

- Smart Glass changes transparency, opacity, or color in response to sunlight, temperature, or rain
- Augmented Reality (AR) windshields enhance driver safely, navigation, and awareness
- Advanced Driver Assistance for Wi-Fi, collision warnings, lane departure, and adaptive cruise control
- Energy Efficient Glass coatings minimize heat transfer improving fuel efficiency



Architectural

- Smart Glass transparency, opacity, self-cleaning, UV blocking, and scratch resistance
- Processing for complex angles, intricate shapes, and consistent sizing
- Performance under temperature changes through cyclic heating and cooling conditions
- Energy efficiency, machinability, and moldability to deliver precision, throughput, and visual appeal



Solar

- Solar glass coatings provide anti-reflective properties to concentrate sunlight
- Solar glass requires multiple layers to provide reliable power transmission and endure harsh conditions
- The interior glass is crucial to protect the photovoltaic cells from dirt, water, and moisture
- The entire structure is shielded by a specialized layer of coated glass

Cut it. Clean it. Coat it. Control it. Conserve it.

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