



**QUAKER COLOR**  
A Step Ahead...

**Poseidon Linker: Crosslinkers for Leather Finishing-** Compatible with most acrylic and polyurethane binder systems; it significantly improves water and solvent resistance, toughness, abrasion resistance, block resistance, flexibility and long term durability of the coating inclusive of UV outdoor exposures.

### Crosslinkers for Leather Finishing

Product	Base	PH / Nature	Appearance Charge	Total Solids %	Uses / Benefits
<b>Poseidon Linker UX-50</b>	Based on Poly-isocyanate	N.A.	Clear Liquid	50±2	Unique ambient temperature curing crosslinker for water borne systems based on polyurethane technology. When used in water based systems physical properties of the coatings are dramatically improved. It is compatible with most acrylic and polyurethane binder systems. Significantly improves water and solvent resistance, toughness, abrasion resistance, block resistance, flexibility and long term durability of coating inclusive of UV outdoor exposures. Use level may vary with type of system used, but generally 0.5 to 5% of the crosslinker to the total weight of the mix is typical for most systems. Pot life varies from 8 hours to 72 hours according to the level of crosslinker used. The higher the crosslinker level the shorter the pot life however, crosslinked density of the resultant film will also increase.
<b>Poseidon Linker AM-636</b>	Based on Poly-isocyanate	N.A	Clear Liquid	98±2	Unique isocyanate based crosslinker dispersible in water for use with the <b>Poseidon Binder, Poseidon Urethane and Poseidon Top</b> products. Improves the water, solvent resistance, toughness, abrasion resistance, block resistance, flexibility and long term durability of the coating and also imparts coatings with outstanding physical properties and performance. Use levels may vary with the type of systems used, but in general 0.5 – 3% is typical addition level for most systems. It is <b>solvent free</b> and features a low viscosity for ease of incorporation into coating.
<b>Poseidon Linker AM-636X</b>	Based on Poly-isocyanate	N.A	Clear Liquid	75±2	Unique isocyanate based crosslinker dispersible in water for use with the <b>Poseidon Binder, Poseidon Urethane and Poseidon Top</b> products. Improves the water, solvent resistance, toughness, abrasion resistance, block resistance, flexibility and long term durability of the coating and also imparts coatings with outstanding physical properties and performance. Use levels may vary with the type of systems used, but in general 1-5% is typical addition level for most systems. It features a low viscosity for ease of incorporation into the coating.
<b>Poseidon Linker XL-732N</b>	Multi Functional polycarbodi	N.A	Milky Liquid	42±2	Unique multifunctional, water based polycarbodiimide crosslinker used to enhance the physical properties and performance of polyurethane and acrylic resins. Improves the water resistance, solvent resistance, block resistance, and long-term durability of the coating. It also reduces the tackiness and improves the cut through resistance. Use levels may vary with the type of system used, but in general 0.5 to 3% is typical addition level for most systems. It is <b>solvent free</b> and features a low viscosity for ease of incorporation, non toxic, curable at room temperature, and has excellent pot life characteristics.

**Poseidon Linker: Crosslinkers for Industrial Coating-** Compatible with most acrylic and polyurethane binder systems; it significantly improves water and solvent resistance, toughness, abrasion resistance, block resistance, flexibility and long term durability of the coating inclusive of UV outdoor exposures.

## Crosslinkers for Industrial Coating

Product	% Total Solids	Equivalent Weight	Viscosity	pH	Performance Attributes
<b>Poseidon Linker <u>XL-36</u></b> <i>Poly-isocyanate</i>	98 ± 2	256	>700	N/A	High solid, low viscosity, multifunctional water dispersible polyisocyanate crosslinker. It enhances adhesion, flexibility, toughness and water resistance of polyurethane and acrylic binders. Suitable for crosslinking all types of aqueous finishes.
<b>Poseidon Linker <u>XL-732N</u></b> <i>Carbodi-amide</i>	39 ± 2	445	20	9.0-11	Unique crosslinker engineered to improve chemical and impact resistance. Highly compatible with water based polyurethane and acrylic dispersions. Coatings formulated with Poseidon Linker <b>XL-732N</b> exhibit excellent pot life.
<b>Poseidon Linker <u>XL-733N</u></b> <i>Carbodi-amide</i>	39 ± 2	430	100	9.0-11	Unique crosslinker engineered to improve chemical, solvent and impact resistance used when rapid property development is needed. Highly compatible with water based polyurethane and acrylic dispersions.