



QUAKER COLOR
A Step Ahead...

Q-Upgrade: Up-gradation system for Leather Finishing- High solid up- gradation product used for repairing open scratches, defects and scars on the surface of leather, the leather surface becomes evened by buffing prior to finishing. It provides outstanding adhesion, flexibility and covering even at the deeper and wider damaged areas of the leather. Excellent product for up-gradation of leather finishes.

Finishing Up-gradation System for Leather Finishing

| Product | Base | PH / Nature | Appearance Charge | Total Solids % | Uses / Benefits |
|----------------------------------|--------------------------------------------|-----------------------|-------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q-Upgrade <u>ST-7N</u> | Blend of High grade filler with Co-polymer | 6.0-9.0/ Medium Soft | White Paste | 45±2 | A high solid, high viscosity up-gradation product used for repairing open scratches and scars on the surface of leather. Can be applied by spatula or trowel on the damaged area of the crust. After the excess is removed: the leather surface becomes evened by buffing prior to finishing. Provides outstanding adhesion and flexibility, even at the deeper and wider damaged areas of the leather. The subsequent adhesion of the finish is excellent, as it becomes an integral part of the finish. Suitable for up-gradation of all types of leather. |
| Q-Upgrade <u>TKP-1006</u> | Blend of High grade filler with Co-polymer | 7.0-9.0 / Medium Soft | White Paste | 32±2 | Highly concentrated low cost up-gradation system that can be used to improve coverage, aesthetics and up-grade cutting yields. Delivers very soft and tight leather with an improved hand along with excellent coverage. Possesses excellent adhesion and flexibility to both un-crosslinked and crosslinked base coats. Typically applied by roller coater or hand spatula methods. Can be used for Full Grain or Corrected Grain leather finishes with excellent cut resistance and embossing retention, can be embossed after up-grade coat or after up-grade and first base coat. Suitable for up-gradation of all types of leather to increase the final yield and cutting value of leather. |
| Q-Upgrade <u>AB-884</u> | Blend of High grade filler with Co-polymer | 7.5-9.5 / Soft | Milky Liquid | 48±2 | All purpose high filling and high covering up-gradation base coat binder that provides good finish break and print retention. Meets all upholstery and automotive specifications, maintains the softness of the leather and promotes natural leather aesthetics. When applied by reverse roller coater can be used as first step to upgrade and improve the cutting yields of leather. Can also be embossed or buffed to further enhance up grading. Designed to be pigmented with 10% maximum pigment loading, and may be thickened for roll coating, airless, or air spray application. Can be crosslinked with Poseidon Linker AM-636 to improve general finish toughness. |
| Q-Upgrade <u>FB-550</u> | Cross-linkable Froth binder | 8.0-9.5 / Soft | Whitish Liquid | 40±2 | A tough compact, base coat up-gradation system that provides excellent coverage, good break and unique print retention. At the same time, produces a soft finish, which meets all the upholstery and automotive specifications without sacrificing the aesthetics and softness of the leather. Due to its unique covering power, requires a relatively small amount of pigment, which contributes to an improved cost base coating system. Can be applied by roller coater or airless spray. Typically only one base coat is required to achieve full coverage. For improved properties can be crosslinked with Poseidon Linker AM-636 . Suitable for all types of leather finishes. |

Finishing Up-gradation System (Continued...)

| Product | Base | PH / Nature | Appearance Charge | Total Solids % | Uses / Benefits |
|-------------------------------------------|---------------------------|------------------------|-------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q-Upgrade <u>JL-773</u> | Froth binder | 8.0-10.0/ Very Soft | Whitish Liquid | 40±2 | Highly concentrated, low cost Froth Copolymer that can be blended with other binders of choice, depending on requirements, to improve coverage, aesthetics and up-grade cutting yields. When blended with appropriate binders, delivers very soft and tight leather with an improved hand along with excellent coverage. Also imparts superior embossing retention on full grain and heavy buffed leathers. Possesses excellent adhesion and flexibility both uncrosslinked and crosslinked. Can be applied by either spray or roller coater operation. Suitable for all types of leather finishes. |
| Q-Upgrade <u>FB-868N</u> | Compact Froth binder | 7-9 / Very Soft | Liquid | 38±2 | A compact base that provides excellent up-gradation, coverage, good break, unique surface feel and excellent print retention. At the same time, it produces a very soft finish, which meets all the upholstery and automotive specifications without sacrificing the aesthetics and softness of the leather. Due to its unique covering power, it requires a relatively small amount of pigment, which contributes to an improved cost base coating system. It can be applied by roller coater or airless spray. Typically only one base coat is required to achieve full coverage. To enhance physical properties and improved performance 0.5 to 1% Poseidon Linker AM-636 can be added. Suitable for all types of high specification leather. |
| Q-Upgrade <u>TKP-973</u> | High fill Pre-base binder | 6.5-8.5 / Soft | Whitish Liquid | 40±2 | Specifically designed to act as a sealer coat and fill in and up-grade just the defective areas and not fully coat the entire hide. For most full grain leathers relatively low add on (2-3 gms/wet) roll application of Q-Upgrade TKP-973 can effectively replace a 1 st spray base coat application and improve overall break of the leather. Consumption for 2 nd spray base application can also be drastically reduced resulting in an overall finish cost savings. Q-Upgrade TKP- 973 is pre-thickened and ready for use, if more viscosity is required small amount of thickener to be added. It can also be pigmented with the use of 6% Q-Color pigments to match crust color. To be applied by reverse roller coater. |