Brilliant Solutions with Leather Technology from BASF

The specialist for in-line activation systems: Astacin® Hardener CI

- Unique formulation of a highly reactive isocyanate cross-linker
- Excellent dispersion properties
- Improved leveling in finishing systems with low VOC content
- High cross-linking power

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Astacin® Hardener CI is an improved formulation of a highly reactive isocyanate cross-linker. It can be used for aqueous finishes in order to increase the overall fastness profile like conventional cross-linkers. The unique formulation leads to a perfect dispersion of the cross-linker in the finishing mix and the problem of glossy specks can effectively be avoided. Astacin® Hardener CI has especially been developed for in-line activation systems, which overcome the well-known problem of limited pot life. The product can be applied in a closed system which makes a large contribution to improved industrial hygiene in leather finishing plants. It can also be used to formulate top coats that have a very low VOC content, because it improves the leveling of the finish significantly. It goes without saying that Astacin® Hardener CI can also be used in conventional finishing systems in the usual way. The product is recommended for cross-linking finishes of automotive leather, upholstery and upper leather for shoe sports footwear.

**Dispersion of cross-linkers in the finishing mix**

**Addition of cross-linker to water before stirring**

| Astacin® Hardener CI | Commercially available isocyanate cross-linker |

**After slight stirring**

| Perfect dispersion with Astacin® Hardener CI | Clear phase separation with commercially available isocyanate cross-linker |

**Impressive benefits**

- Easy to mix into finishes
- Improves the leveling of finishes
- Glossy specks can be avoided
- Large improvement in the fastness of the finish
- Contribution to industrial hygiene and ecology