



Astacin® Hardener CI

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

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

Brilliant Solutions with
Leather Technology from BASF

 **BASF**

The Chemical Company

Astacin® Hardener CI

An additional contribution to industrial hygiene and ecology: Astacin® Hardener CI



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



**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