



# **ATC NEWS**

**MORE TECHNICAL INFORMATION ON NEW  
PROTEIN BINDERS**

**APRIL 2009**

PRODUCT	Degree of Hard/Softness	Degree of Gloss	Glaze &/or Polish	Shoe Upper	Leather Goods	Garment	Top Coat Ground Coat Base Coat	Comments
Actylust CK	(11) Very Soft	3	P	Nappa Softie	Nappa Softie	Yes	BC - GC	<ul style="list-style-type: none"> <li>Cationic.</li> <li>Highly Flexible.</li> <li><i><b>Do Not Mix With Anionic Products.</b></i></li> </ul>
Actylust PS	(10) Soft	7	P & G	All Types	All Types	Yes	GC - BC - TC (Crosslink)	<ul style="list-style-type: none"> <li>Polyamide/Protein</li> <li>Solvent Resistance.</li> </ul>
Actylust 1079	(3 - 4) Hard to Medium	6 - 7	P & G	All Types	All Types	Possible	GC - BC - TC (Crosslink)	<ul style="list-style-type: none"> <li>Contains a small quantity of hard waxes.</li> <li>Solvent Resistance</li> </ul>
Actylust SFT	(6) Medium	8	P & G	All Types	All Types	Possible	BC - TC (Crosslink)	<ul style="list-style-type: none"> <li>Transparent Film.</li> <li>High Clarity.</li> <li>Solvent Resistance.</li> </ul>
Actylust LW	(4 - 5) Medium to Hard	7 - 8	P & G	All Types	All Types	Possible	BC - TC (Crosslink)	<ul style="list-style-type: none"> <li>Contains Natural Waxes.</li> <li>Smooth Surface.</li> <li>Solvent Resistance.</li> </ul>
Actylust HB	(2) Very Hard	9 - 10	P & G	Glazed	Harder Leather & Glazed	NO (Yes, for Crystal & Special effects)	BC - TC (Crosslink)	<ul style="list-style-type: none"> <li>Very Smooth Surfaces.</li> <li>Specially Adapted for Top Coats &amp; Special Effects.</li> <li>Solvent Resistance.</li> </ul>

**Degree of Hardness/Softness**

1 = Very Hard

12 = Very Soft

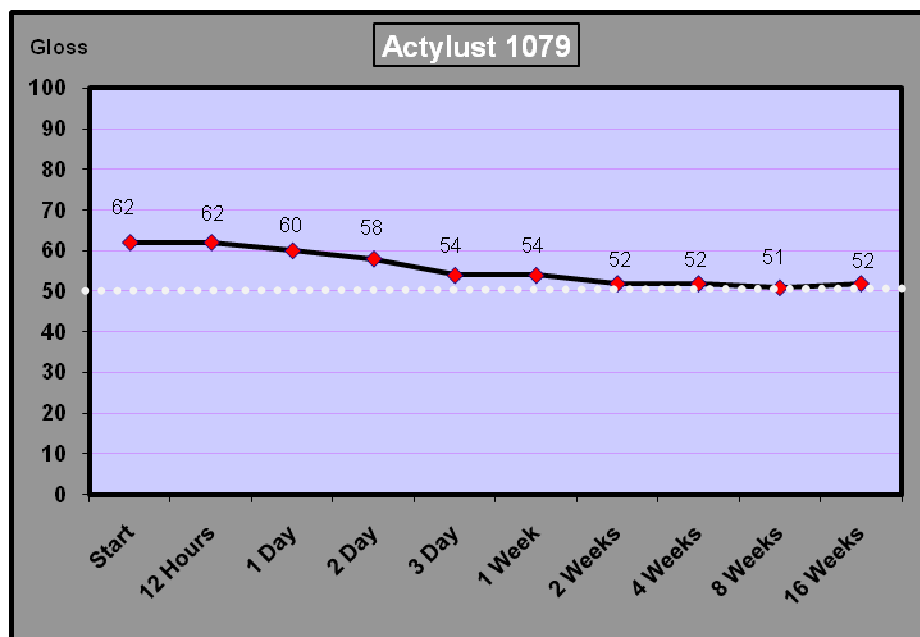
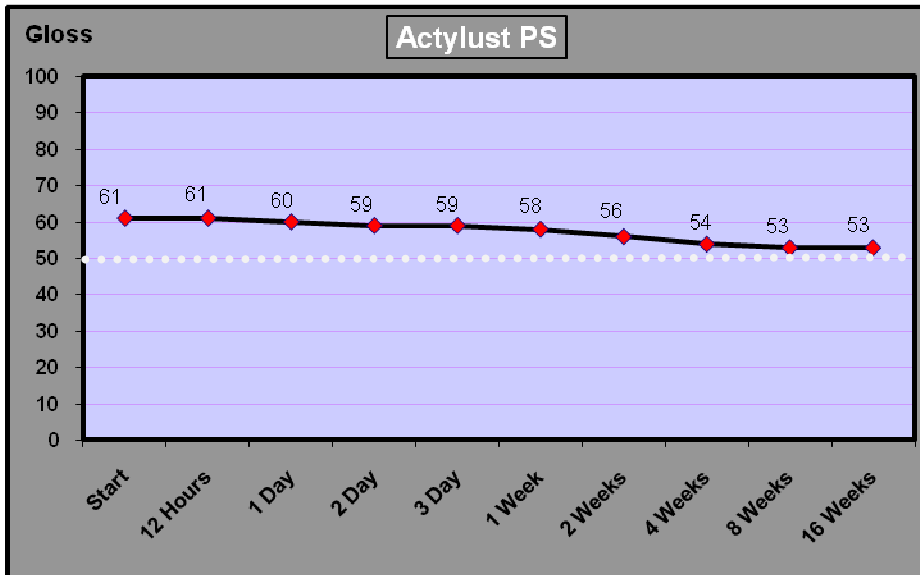
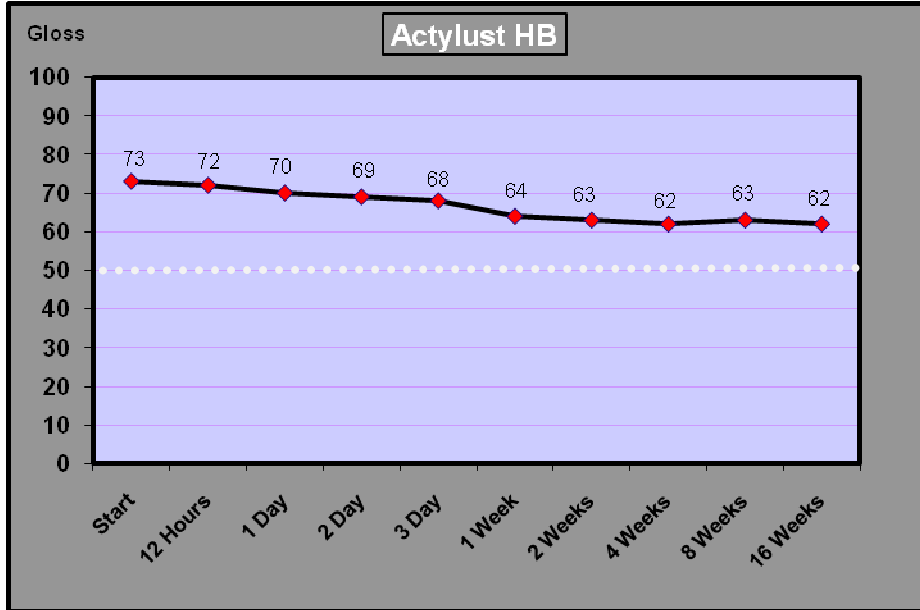
**Degree of Gloss**

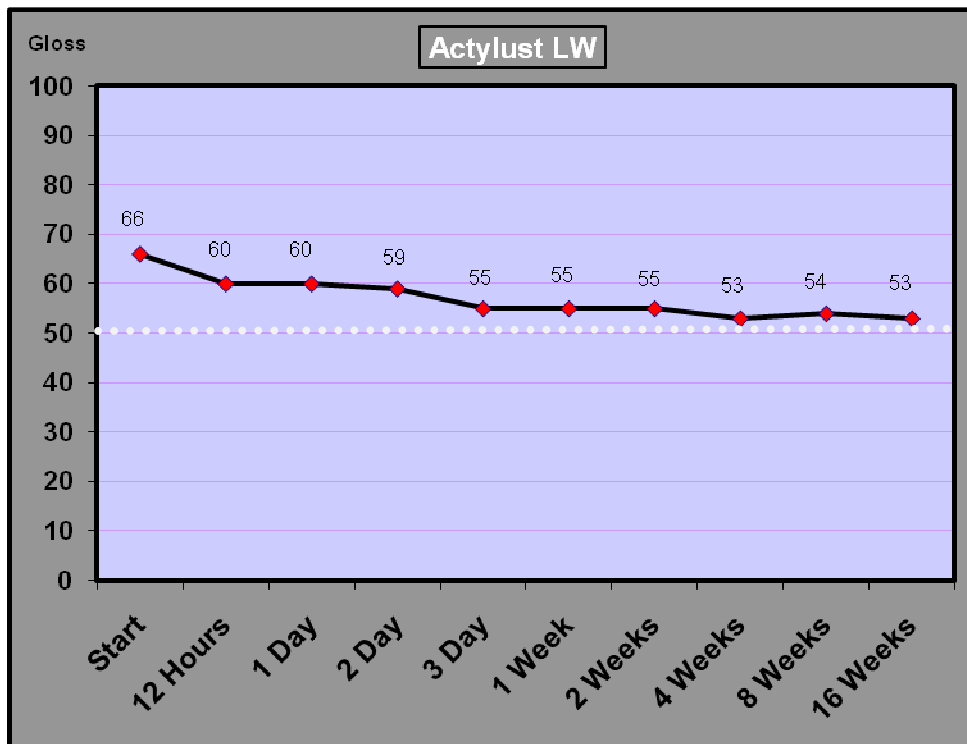
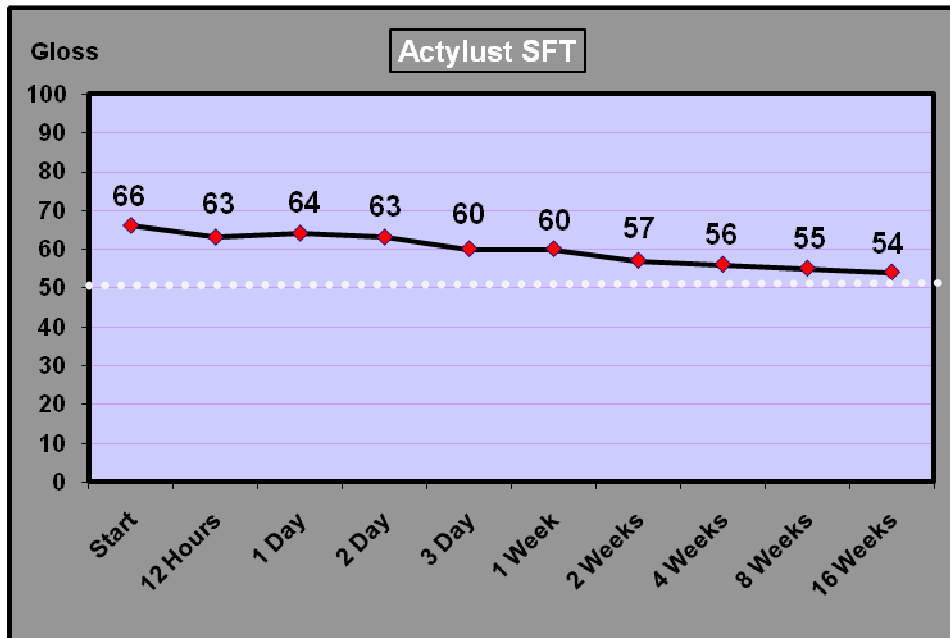
1 = Normal Acceptable Gloss

12 = Very High Gloss



## EVOLUTION OF GLOSS DURING AGEING





### Conclusion:

For any glazed leather produced on the market, it is generally understood that gloss will reduce, somewhat after finishing, over the proceeding 2 or 3 days. Poor proteins binders may reduce to value down to 40, 30, and even worse !

**At ATC, we have achieved to develop a range of protein binders that act to minimize gloss reduction over an extended period of time**

Indeed, above 50, it is admitted that the gloss is extremely high. Futhermore, above 50, the human eye is not able to see any difference in gloss, whereas below 50, the human eye can perceive a decrease of gloss. This is why, in ATC, we have focused to develop protein binders, for which the gloss level keeps above 50, even after several months.