

Technical Data Sheet

Coding	series 800
ACT890	SOLO PIGMENTED WHITE TOP COAT
	800 SUPER GLOSS
Other colors are available under same technical specs	
Brand Name	VERLAC///// WOODLAC
Color	Transparent When Sprayed
Chemistry	Acrylic
Hardener	HDAT800-50%
P.S Always check our table of catalyst	

COMPOSITION AND APPLICATION FIELD

ACT 89 is An Acrylic solvent base 2K solo Top Coat Pigmented System Selected from Very High Quality Raw Material ,it has and very colour stability , with high levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment .

ACT 890 is for high gloss Appearance physical aspect reaching more than 95% gloss rate on 60° Gloss Measuring Standard .

ACT 89 is one of the best solution for automotive and different other high end application including wood coating high end system where weathering conditions and heat of weather are required with non-yellowing property. However the result will always differ from the selection of the primary coat used and quality of solvent in which ACT 890 is diluted .

Application Field For ACT 89 Automotive mainly and high end many other application need.

ACT 89 has an excellent property to keep unchanged the physical appearance of the substrate on which the application Coating is done.

ACT 89 is a good solution to be use on a top coat pigment to protect it from any yellowing change aspect.

ACT 89 is considered to be a part of a wood finishing system and applied over our fondo HS which is an acrylic base coat.

ACT 89 might be as well a good solution if where extreme weathering and non yellowing conditions are needed.

ACT 89 present flexible film property to be able to resist to the substrate limited deformation if any

Gloss appearance of ACT8

ACT890 HIGH GLOSS

APPLICATION

CHEMISTRY

CATALYST TYPE FOR ACT890 HDAT800 -50%

APPLICATION PREPARATION

CATALYST	weight
HDAT800	50%
POT LIFE	6 hrs. at 26°C

HAMCO SARL

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EU REGISTRATION 011727948

THINNING

- For conventional spray Application with PU 7 thinner** **15-25%**
- For Airless air assisted Application with PU 7 thinner** **5-10%**
- For Curtain and roller brush Application systems with PU 7 thinner** **15/30%**

In hot humid climate an addition of 3 to 5 % of OX7 is recommended upon working need

TECHNICAL CHARACTERISTICS

PHISICAL PROPERTIES

Specific gravity for ACT80X/1/3/5/7	0.98	(±0.003)	Kg/l
Specific gravity for ACT800	0.97	(±0.03)	Kg/l
Visc. /25°C	40	(± 5)	ku
Solid	50%	(±2%)	
Flash Point	21°C		

APPLICATION RATE9 m²/kg (each coat)overspray not considered

DRYING at 25°C

- Dust free **30MIN ACT890**
- Touch drying 45 min .
- Deep drying Over night

Ps :FOR BETTER FINISHNG ACT800 IS BETTER TO BE APPLIE IN A PRESSURISED SPRAY BOOTH
On serial batch coating systems it is always recommended to check all the parameters on a small test application before starting any coating cycle .

Appearance characteristics in dry state

Gloss 60° GU varies according product (ASTM D523/67)

Mechanical properties

- Hardness 24HR excellent
- Hardness 24HRS a bit flexible for full gloss version
- Scratch resistance Very good



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Preparation Manual

ACT890 Series are normally used for Automotive substrate and wood timber to be placed outdoor or indoor and has an excellent weather resistivity in case used on our complete system with our fondo HS in that case the system can present a very high ending and protection solution resulting from this perfect combination with primer to be use on the substrate .

Substrate must be sanded and stained if needed than sealed by our fondo HS ,Sand papering it properly and apply ACT890 number of coat recommended one mist and 2 coats more coats can be applied in case needed

APPLICATION METHODS

Spray application : conventional Spray suction 1.8/2.0mm /5bar -Gravity cup gun 1.4mm/3.5bar-Airless air assisted systems nozzles 0.011”

Curtain systems : Dilution must be respected with our PU 700 thinner to keep viscosity steady and avoid any problem in application . the same for roller brush application system

PACKED IN :1Lit & 5 Lit & 25 Lit .

STORAGE Product filled in a well sealed pail or gallon with 12month shelve life from production date at 23°C

Disclaimer :

The Data Given in this data sheet is all based on our Laboratory test and does not reflect in any case the reality of the field where the goods will be applied and did not take into consideration any parameters related to the application field that may differ and give different results as stated above because of several differed parameters .however the producer is not responsible of any harm of health and property damage resulting from the application of this product if not followed by our instruction and technical support .The producer is not responsible to supervise or follow the end user or a third party nor to guarantee the application of the product his roll only limited in case asked to give recommendation and technical support .All product sold as per our standards and it is the result of test and field experience however it cannot cover systematically all the requirement of several fields needed by the user.

Some tests may vary according to several parameters and does not match pre-stated values in this data sheet .

Content of this data sheet may be modified or cancelled without prior notice

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