

Technical Data Sheet

Coding	series 800	
ACT800	2K clear top coat	800 SUPER GLOSS
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 8 is An Acrylic solvent base 2K Top Coat clear System Selected from Very High Quality Raw Material ,it has and very good clearance , with high levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment .

ACT 800 is for high gloss Appearance physical aspect reaching 97% gloss rate on 60° Gloss Measuring Standard .

ACT 8 is one of the best solution for automotive and different other high end application including wood coating 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 800 is diluted .

Application Field For ACT 8:

Automotive mainly

ACT 8 has an excellent property to keep unchanged the physical appearance of the substrate on which the application Coating is done.

ACT 8 is a good solution to be use on a top coat pigment to protect it from any yellowing change aspect.

ACT 8 is considered to be a part of a wood finishing system and applied over ACS .7 which is an acrylic base coat.

ACT 8 might be as well a good solution if applied over pigmented coatings and acrylics where extreme weathering and non yellowing conditions are needed.

ACT 800 present flexible film property to be able to resist to the substrate limited deformation if any

Gloss appearance of ACT8

ACT800 HIGH GLOSS

APPLICATION

CHEMISTRY

CATALYST TYPE FOR ACT800 HDAT800 -50%

APPLICATION PREPARATION

CATALYST	weight
HDAT700	50%

POT LIFE 6 hrs. at 26°C

HAMCO SARL

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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 ACT800
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

ACT800 Series are normally used for substrate and wood timber and veneer to be placed outdoor or indoor and has an excellent weather resistivity in case used on our complete system with our ACS700 sealer clear in that case system can transmit a natural look of wood ,or it can be slightly stained to give special appearance upon working need.

Substrate must be sanded and stained if needed than sealed by our ACS 700 ,Sand papering it properly and apply ACT800 number of coat recommended one mist and 2 coats more coats can be applied in case needed

For open pore increase thinning dilution and apply accordingly .

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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