

Technical Data Sheet

Coding	series 700
ACS700	Acrylic Wood clear Sealer 700
Brand Name	WOODLAC
Color	Transparent When Sprayed
Chemistry	Acrylic
Hardener	HAD-S

COMPOSITION AND APPLICATION FIELD

ACS 700 is An Acrylic solvent base clear sealer System Selected from High Quality Raw Material ,it has a very good clearance , with high levelling and flow properties resulting good closing pores possibility .

ACS 700 has a very good sanding property and create an adequate adhesion base coat for further top coat built up .

ACS 700 is one of the best solution for wood coating system where weathering conditions are required with non-yellowing property. However the result will always differ from the selection of the Top coat used and quality of solvent in which ACS 700 is diluted .

Application Field For ACS 700:

Veneer and timber massive wood, Birch ,Oak, Wenge ,Cherry ,Rose wood etc...

ACS 700 has an excellent property to keep unchanged the physical appearance of the substrate on which the application

Coating is done When an appropriate top coat is applied .

PS -For Several application oxidisers might be a good solution to avoid yellowing resulting from conventional alkyd Polyurethane systems aspect on some special cases like woods bleached etc.. (oxidisers like Hydrogen Peroxide and others...)

ACS 700 is a good solution to be used on a stained veneer or wood timber with non yellowing change aspect.

ACS 700 is considered to be a part of a wood finishing system and applied as a sealer for top coat ACT7 which is an acrylic Top coat.

ACS 700 might be as well a good solution if applied over stained veneer or massive wood timber where extreme weathering and non yellowing conditions are needed.

ACS 700 present Limited flexible film property to be able to resist to the substrate limited deformation if any

This product in case needed might be applited in single coat and not as an over coat in case the substrate is prepared adequatly to respect this kind of need and solution .

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APPLICATION

CHEMISTRY

CATALYST TYPE FOR ACS700

HDA103050S

APPLICATION PREPARATION

CATALYST weight
50%

POT LIFE 6 hrs. at 26°C

THINNING

For conventional spray Application with PU 7 thinner 15-20%
For Airless air assisted Application with PU 7 thinner 5-10%
For Curtain Application systems : with PU 7 thinner 10/15%

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

TECHNICAL CHARACTERISTICS

PHISICAL PROPERTIES

Specific gravity for ACS 700	0.90	(±0.003)	Kg/l
Viscosity. Ford 4/25°C	70	(± 5)	Sec
Solid by packed volume	40%	(±2%)	
Hardener solid by packed volume	HDA103050S/T	30%	(±2%)
Flash Point	21°C		

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

DRYING at 25°C

* Dust free 15 min

Touch drying 30 min .

Sanding drying Over night

On serial batch coating systems it is always recommended to check all the parameters on a small test application before starting any coating cycle .

Mechanical properties

Sanding very good

Adherence very good

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Preparation Manual

ACS 700 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 ACT7 TOP COAT 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 at 100grain caliper and stained if needed than sealed in 2 coats ,Sand papering by 220 grain caliper after 8hrs minimum(depending on weathering condition and drying equipment use) than sanding it by a 400grain caliper than applying top coat at a maximum interval time of not more than 4/6hrs.

APPLICATION METHODS

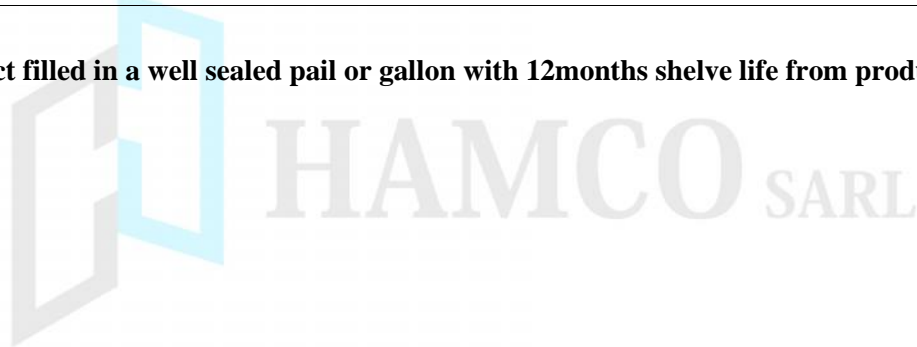
Spray application : conventional Spray suction 1.8/2.0mm /5bar -Gravity cup gun 1.6mm/3.5bar-Airless air assisted systems nozzles 0.013” /70-90bar

Curtain systems : Dilution must be respected with our PU 700 thinner to keep viscosity steady and avoid any problem in application .

Interval coat **2hrs**

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

STORAGE Product filled in a well sealed pail or gallon with 12months 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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