

## Technical Data Sheet

### Coding

**EPWF100C Hi solid Wood Finishing Clear Gloss**

<b>Brand Name</b>	<b>WOODLAC</b>
<b>Color</b>	<b>Transparent When /Poured</b>
<b>Chemistry</b>	<b>Epoxy</b>
<b>Hardener</b>	<b>HDEP-C100</b>
<b>P.S Always check our table of catalyst</b>	

### COMPOSITION AND APPLICATION FIELD

**EPWF100C** is An Epoxy Solvent free base Top Coat clear System Selected from High Quality Raw Material ,it has a very good clearance , with high self levelling and flow properties resulting a mirror smooth touch for gloss if sprayed with good equipment or ideal to pour up to high thickness on any wood or stone substrate .

**EPWF100C** is Available in high gloss Appearance physical aspect reaching 100% gloss rate on 60/85° Gloss Measuring Standard .

**EPWF100C** is one of the best solution for wood coating system where hi mechanical strength conditions are required with non-yellowing property. However the result will always differ from the selection of the primary coat used and which EPWF100C application is used for .

#### Application Field For EPWF100C:

Veneer and timber massive wood from Birch ,Oak, Wenge ,Cherry ,rose wood ,MDF, Massive stone, Marble, Granite etc...

**EPWF100C** because of its high clearance it has an excellent property to keep unchanged the physical appearance of the substrate on which the application Coating is done even on high thickness application in millimetres thickness.

**EPWF100C** is a good solution to be use on a top coat pigment to protect it from any mechanical over strength .

**EPWF100C** is considered to be a part of a wood finishing system and applied over ACS 7 /PU700 which is PU base coat.

**EPWF100C** might be as well a good solution if applied and over coated by ACT700 where extreme weathering and non yellowing conditions are needed.

**EPWF100C** present hi chemical resistivity to a wide range of food and industrial component composition .

#### Gloss appearance of AC7

**EPWF100C 98%+-2% GLOSS**

HAMCO SARL

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**EPWF100C** Is a special product formulated from very special raw material this product considered to be a timber or veneer wood appearance keeper where it has the possibility to transmit exactly the wood appearance physical aspect through the coating film of **EPWF100C** with extremely minimal deviation even on high thickness.

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

for high thickness pouring must be done on several layers each of maximum 4mm with time of interval of 24hrs full mechanical strength will be acquired after 7 days from Application date.

## APPLICATION

## CHEMISTRY

**CATALYST TYPE FOR EPWF100C HDEP-C100**

## APPLICATION PREPARATION

**CATALYST** weight  
50%

**POT LIFE** max 45min. at 22°C

**THINNING** none

High humid climate will expose the finishing to limitation in Clear aspect of the Product due to hazing film.

## TECHNICAL CHARACTERISTICS

### PHYSICAL PROPERTIES

Specific gravity for <b>EPWF100C</b>	1.17	(±2%)	Kg/l
Visc. CPS/25°C	12000-13000	(± 5 )	Sec
Solid	100%		
Flash Point	21°C		

**APPLICATION theoretical RATE** .....1 m<sup>2</sup>/lit 1000microns

### DRYING at 25°C

Dust free	10hrs.
Touch drying	4 hrs
Deep drying	Over night
Full drying	7days

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

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**EPWF100C :Appearance characteristics in dry state**

Gloss 60/85° varies according product nature (ASTM D523/67)

**Mechanical properties**

Hardness 24HR	rubber touch full gloss
Hardness 7days	hard with full gloss
Scratch resistance	excellent

**Preparation Manual**

EPWF100C Series are normally used for substrate and wood timber and veneer to be placed in area where they are exposed to high risk of mechanical effect and where hygiene properties are needed and has an excellent chemical resistivity in case used in area where this high requirements are needed , in that case system can transmit a natural look of wood or stone ,or it can be slightly stained to give special appearance upon working need.

Wood or MDF Substrate must be sanded and stained if needed than sealed by our ACS 700/PUS700/PUP700 ,Sand papering it properly and apply EPWF100C number of coat/Layer recommended min 2 coats with high flow airless system or by pouring on 1 mm layer more coats or layers can be applied in case needed

For open pore timber application to avoid the air bubble effect it is recommended to apply our PUS700/or ACS700 system first.

**APPLICATION METHODS**

**Spray application :** Airless Spray system with minimum out pressure of 300Bar with pump flow exceeding 7l/min

**Pouring systems :** pouring can be done by layers for over 2mm thickness clear coat might exposed to hazing clarity.

**PACKED IN :** 1Lit & 4 Lit & 19 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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