



## WARNEX APPLICATION

### ● **SUBSTRATE :     MDF - BIRCHPLYWOOD - MULTIPLEX AND OTHER WOODEN SURFACES**

In order to ensure the adhesion of a single coat, the substrates have to be clean and dry

### ● **PASTE FILLER / PUTTY :**

It is not recommended to use a paste filler or putty on larger areas as these tend to chip off easily. Only the minimum quantity of paste filler or putty required for spot repairs should be applied and afterwards a carefully sanding to the level ground is recommended.

### ● **COVERAGE OF SMALL DAMAGES IN THE SURFACE :**

Being a time saving texture paint, the Warnex System will cover small surface damages only when the second spattered coat is also applied. A base coat with excessive thickness will not give any advantage in this case.

Wood fibres or grains may stand up especially on the cut ends. This will require first a precoating of these edges, subsequent sanding and only then applying the base coat.

### ● **APPLICATION :**

Excessive thickness of the layer of the basecoat on the substrate may be subject to cracks under too high temperatures, humidity and/or strong air movement.

The application should be done continuously and fast to avoid overspray which may settle on the coated surface causing a rough sandpaper like surface.

### ● **TEXTURE FORMING :**

The "spattered texture" is the result of 2 coatings which are applied in a sequence of 15 – 20 minutes\* between the base and the spattered coating:

\* Depending on film-thickness, temperature, humidity, air circulation, condition of the surface

### **I. CONDITIONS FOR THE BASE COATING:**

Nozzle diameter:	0,078 inch	2,0 mm
Airpressure:	28 – 57psi	2 – 4 bar
Materialpressure:	28 - 71 psi	2 – 5 bar
Spraying Distance:	1 ft	30 cm

### **II. CONDITIONS FOR THE SPATTERED COATING:**

Nozzle diameter:	0,078 inch	2,0 mm
Airpressure:	7 – 21psi	0,5 – 1,5 bar
Materialpressure:	28 – 71 psi	2 – 5 bar
Spraying Distance:	1,3 ft.	40 cm



● **CLEANING THE AIR CAP :**

After a short period of time the built up overspray on the air cap (spray gun air nozzle) must be cleaned with solvent and a paint brush. Otherwise the result of the texture may not show the required standard.

● **VARIATION OF TEXTURE FINISH :**

<b>parameter</b>	<b>texture finish</b>
air pressure low / high	big dots / small dots
material pressure higher	smoother surface
Spraying distance with larger range	rough and more pointed
more cross coats	closer

● **DRYING / FORCED DRYING :**

At room temperature:      dust free                      =      15 – 20 minutes \*  
   ready for handling                      =      2 – 3 hours \*  
   ready for packing                      =      1 day \*  
   through dry                                      =      4 days \*

Oven drying:                      Coated substrates may be heated at elevated temperatures of approx. 60°C to speed up drying process.

\* Depending on film-thickness, temperature, humidity, air circulation, condition of the surface

**ATTENTION**

- **PAINT PAILS SHOULD BE CLOSED CAREFULLY IMMEDIATELY AFTER OPENING**
- **MATERIAL SHOULD BE STIRRED WELL BEFORE USING**
- **PAINT MUST NOT BE DILUTED !**

● **EQUIPMENT – all spraying equipment must be made of stainless steel:**

The WARNEX texture paint has a high viscosity demanding the use of a paint pressure tank. Because of the fast initial drying, a closed system is required. The material hose should not be longer than approx. 5 meters and should have at least a 13 mm (½ inch) internal diameter for optimized application speed.

An industrial spray gun for paint pressure tank is recommended.



## ● HOW TO CLEAN THE SPRAY EQUIPMENT ?

Ordinary tap water can be used for cleaning the equipment as long as the paint is wet.

The material hose has always to be cleaned with water **only** !! (material hose is only for the use for waterborne paints).

Air cap (spray gun air nozzle) has to be cleaned with solvent because of built up overspray. Those parts of this spraying equipment which could not be cleaned with water in the first step must be cleaned with solvent in a second process.

## ● HOW OFTEN SHOULD THE SPRAY EQUIPMENT BE CLEANED ?

It is recommended to clean the spray equipment regularly to assure that no paint build-up can be found inside the system. Using a closed system like a material pressure tank, the cleaning intervals may be extended. Please make sure, that only original fresh paint is used and that the pressure pot system will not run empty.

## ● COAGULANT:

Paint cabins fitted with a water wall need to have the correct coagulant for the application of WARNEX

(high risk of foaming). As the coagulant has to match the requirements of your specific painting environment, you need to contact your supplier, giving him samples of WARNEX in order to enable them to find the correct coagulant.

## ● SHELF LIFE:

We guarantee a shelf life of 9 months (see production date on container) in originally sealed containers and frost-free storage.

Do not use the paint any more:

- if infected with bacteria (change or loss of colour, foul odour)
- if there is an excessive loss of viscosity
- if there is a dry film (skin) on the top of the paint
- if the paint has been exposed to freezing temperatures (lumps in the paint)

**ALL INFORMATION GIVEN IS BASED ON THE CURRENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO INFORM ABOUT OUR PRODUCTS. THEY ARE NOT INTENDED TO ASSURE CERTAIN PROPERTIES OF THE PRODUCTS FOR DEFINED APPLICATIONS. CLIENTS AND USERS HAVE TO ACT RESPONSIBLY AND ASSESS THE SUITABILITY OF OUR PRODUCTS IN THEIR OWN RIGHT FOR THE REQUIRED PURPOSE OF APPLICATION.**