

WC22
SOLVEN-BORNE THIXOTROPIC ACID CATALYZED PAINT SYSTEM FOR WOODEN FURNITURE

DICCOPLAST PLUS TIX **007 5334**
DICCOPLAST 30 TIX **655-s**

Solvent -borne acid catalysed system WC22 is thixotropic paint system for interior wooden doors, chairs, furniture, kitchen cabinets etc.

Diccoplast Plus Tix is two-component thixotropic acid catalysed primer. It is very fast drying and easy to spray. The primer has high solid content, good filling properties and good hiding power.

Diccoplast 30 Tix is two-component thixotropic acid catalysed top coat. It is tintable in Temaspeed Premium –tinting system and it is possible have very wide range colours.

Typical paint system

Treatment	Product	Application method	Wet film thickness
Priming	1-2 x Diccoplast Plus Tix	Spraying	100-150 g/m ²
Top coat	1x Diccoplast 30 Tix	Spraying	100-120 g/m ²

PRODUCT PROPERTIES

Solid Content	57 volume-%, 73 weight-%	(007 5334)
	52 volume-%, 68 weight-%	(655 7221)
Specific gravity	1,4 kg/l	(007 5334)
	1,3 kg/l	(655-s)
Paint hardener mixing ratio	007 5334 : 006 2098	100:10
	655-s : 006 2098	100:10

Drying times

	100–120 /m ²	+23°C	+50°C
Diccoplast Plus Tix	Dry to sand	1-2 h	30-40 min
	Dry to stack	1-2 h	30–40 min
Diccoplast 30 Tix	Dry to sand	4-6 h	40-60 min
	Dry to stack	24 h	1-2 h

Stacking temperature below +35°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Gloss	Semi-matt	(655-s)
Application methods	Spraying	
Thinner	Thinner 1033 (fast), 1027 (normal) or 1025 (slow)	
Cleaning of equipment	Thinner 1033, 1027, 1025	

SURFACE PREPARATION	Dirt, dust and other unfamiliar material must be removed from the surface. Wooden material should be sanded before application with paper grain size 150 – 240. All sanding dust must be removed before application.
APPLICATION CONDITIONS	During application and drying the temperature of the air, paint and surface should be at least +18 °C. The relative humidity should not exceed 70 %. Good ventilation is needed during drying process.
APPLICATION	<p>Stir the Diccoplast Plus Tix well and add 10 % by volume of hardener 006 2098 and mix well again. Thin the paint to the proper application viscosity with thinner 1033. Proper spraying viscosity is 18-25 sec (Din4).</p> <p>Spray an even coat (wet film thickness about 100-120 g/m²) and let it dry about 1-2 h (in 20-30 °C temperature) before sanding. Sand the surface carefully with paper grain size 320 or 400 and remove sanding dust before second application.</p> <p>If needed apply a second even coat and let it dry about 1-2 hours (in 20-30 °C temperature) and sand the surface again and remove sanding dust.</p> <p>Stir the Diccoplast 30 Tix well and add 10 % by volume of hardener 006 2098 and mix well again. Thin the paint to the proper application viscosity with thinner 1033. Proper spraying viscosity is 18-25 sec (Din4). Spray an even coat (wet film thickness about 100-120 g/m²) and let it dry about 4-6 h (in 20-30 °C temperature before further processing).</p> <p>The drying time depends of film thickness, temperature, relative humidity and the air ventilation.</p> <p>The right nozzle size is 0,011-0,013" and angle 20 or 40 and the spraying distance from object about 20-25 cm.</p>
MAINTENANCE PAINTING	Wash down the surface with Maalipesu and rinse carefully with water. Remove old loose paint with scraper. Sand down surface and remove the sanding dust. Stir Empire or Maalarin Valkolakka well before use. Apply evenly 1-2 coats of paint. Sand down lightly between each coat.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.