

WC22
SOLVENT-BORNE THIXOTROPIC ACID CATALYSED 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 | 1 x 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 Dry to stack | 1–2 h 1–2 h |
| Diccoplast 30 Tix | Dry to sand Dry to stack | 4–6 h 24 h | 40–60 min 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

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).

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.

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.

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 100–120g/m²) and let it dry about 4–6 h (in 20–30 °C temperature before further processing.

The drying time depends of film thickness, temperature, relative humidity and the air ventilation.

The right nozzle size is 0,011–0,013” and angle 20 or 40 and the spraying distance from object about 20–25 cm.

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.

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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.