

WC23
HIGH GLOSS SOLVENT-BORNE ACID CATALYSED PAINT SYSTEM FOR WOODEN FURNITURE
Diccoplast Primer 694 0201
Diccoplast 80 634-S

Solvent-borne acid catalysed system WC23 is all around paint system for interior wooden doors, chairs, furniture, kitchen cabinets etc.

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

Diccoplast 80 is two-component high gloss acid catalysed top coat. It is tintable in Temaspeed –tinting system and it is possible to have very wide range colours.

Typical paint system

Treatment	Product	Application method	Wet film thickness
Priming	1-2 x Diccoplast Primer	Spraying	100-150 g/m ²
Top coat	1x Diccoplast 80	Spraying	100-120 g/m ²

PRODUCT PROPERTIES

Solid Content 53 volume-% (694 0201)
58 volume-% (634-s)

Specific gravity 1,4 kg/l (694 0201)
1,2 kg/l (634-s)

Paint hardener mixing ratio 694 0201 : 006 2098 100:10
634-s : 006 2098 100:10

- Alternative hardener for Diccoplast 80 is 990 2219 (100:10)
- Gloss can be slightly higher and surface smoother

Drying times

	100–120 /m ²	+23°C	+50°C
Diccoplast Primer	Dry to sand	1–2 h	30–40 min
	Dry to stack	1–2 h	30–40 min
Diccoplast 80	Dry to sand	4–6 h	40–60 min
	Dry to stack	24 h	2–3 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 High gloss (634-s)

Application methods Spraying, curtain coating

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 Primer 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 minimum 1–2 hours (in 20–30°C temperature) and sand the surface again and remove sanding dust. Use small grain size sanding paper (600–1200) before final top coat.

Stir the Diccoplast 80 well and add 10 % by volume of hardener 006 2098 and mix well again. Thin the paint to the proper application viscosity with thinner 1025. Proper spraying viscosity is 15–20 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.

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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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.

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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.