

# Dicco Primer FF

## DESCRIPTION

A two-component, acid-catalyzed, formaldehyde-free primer.

## PRODUCT FEATURES AND RECOMMENDED USES

- Does not emit formaldehyde into the environment and is non-smelling and more user-friendly and environmentally friendly
- Easy to sand and ensures the high-quality appearance of the final surface, making it an excellent substrate for the subsequent topcoat layer
- In addition to solvent-borne topcoats, Dicco Primer FF can be overcoated both with water-borne topcoats and with water-borne UV-topcoats
- A fast-drying and durable paint
- Especially suitable for production lines
- Does not contain aromatic solvents
- Recommended for furniture, doors and other wooden and fibre board surfaces indoors

## TECHNICAL DATA

### Volume solids

42±2% (mixture)

### Weight solids

61±2% (mixture)

### Specific gravity

1.3 kg/l (mixture)

### Mixing ratio

Paint 100 parts by volume Dicco Primer FF  
Hardener 10 parts by volume Hardener 006 2099

### Pot life (+23°C)

3 d.

### Recommended spreading amounts and theoretical coverage

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
120–140 g/m <sup>2</sup>	40–50 µm	9–11 m <sup>2</sup> /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

### Drying times

120–140 g/m <sup>2</sup>	+23°C	+50°C
Dry to touch, after	10–15 min	3–8 min
Dry to sand, after	30–45 min	10–20 min

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

Matt.

### Color shades

White.

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## APPLICATION INSTRUCTIONS

<b>Surface preparation</b>	Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–240. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.
<b>Recommended topcoats</b>	Dicco Crystal FF 30.
<b>Application conditions</b>	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application temperature of the air, substrate and paint must be over +18°C and relative humidity of the air below 80%. Good ventilation is required to ensure optimal result. Product is recommended to be dried in oven.
<b>Mixing components</b>	<p>First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating.</p> <p>Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers.</p> <p>In case the paint mixture is used on the next day, add at least an equal amount of fresh paint mixture.</p>
<b>Application</b>	<p>For airless spraying, the product is thinned approximately 10–20% to the viscosity 25–60s (DIN 4). Nozzle tip 0.011"–0.015" and the nozzle pressure 80–140 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For air-assisted airless spraying, the product is thinned approximately 5–20% to the viscosity 25–60s (DIN 4). Nozzle tip 0.011"–0.015" and the nozzle pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object.</p> <p>For conventional spraying, the product is thinned approximately 10–20% to the viscosity 25–40s (DIN 4). Nozzle tip 1.4–1.8 mm and the nozzle pressure 2–3 bar.</p> <p>For curtain coating the product is thinned approximately 5–10% to the viscosity 40–50s (DIN4). Avoid too high pumping pressure and flowing speed.</p>
<b>Thinners</b>	Thinner 1035, Thinner 1033
<b>Cleaning of equipment</b>	Thinner 1035 or 1033.
<b>VOC</b>	The Volatile Organic Compounds amount is 490 g/litre of paint mixture. Maximum VOC content in ready to use paint mixture (thinned 20% by volume) is 525 g/l. Directive 2004/42/EC is not applicable in the use of the product.
<b>HEALTH AND SAFETY</b>	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p> <p><b>For industrial use only.</b></p>



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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.

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.