

DICCOPUR CLEAR 100

| | | | | | | | |
|---|--|-----------------------|------------------|-----------------------|-----------|---------------------|-----------|
| DESCRIPTION | A two-component polyurethane lacquer. | | | | | | |
| EMISSION CLASSIFICATION | The lacquer does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment. | | | | | | |
| PRODUCT FEATURES AND RECOMMENDED USES | <ul style="list-style-type: none"> ◆ A gloss all-round lacquer with good filling properties. ◆ Usually 2 - 3 layers needed to get the highest gloss. ◆ Recommended for furniture and parts of furniture, doors and other wooden surfaces indoors. | | | | | | |
| TECHNICAL DATA | | | | | | | |
| Solids content | abt. 52 volume %, 58 weight %. | | | | | | |
| Specific gravity | 1.0 kg/litre. | | | | | | |
| Mixing ratio and product codes | <table border="0"> <tr> <td>Lacquer</td> <td>1 part by volume</td> <td>005 5783</td> </tr> <tr> <td>Hardener</td> <td>1 part by volume</td> <td>007 1250</td> </tr> </table> | Lacquer | 1 part by volume | 005 5783 | Hardener | 1 part by volume | 007 1250 |
| Lacquer | 1 part by volume | 005 5783 | | | | | |
| Hardener | 1 part by volume | 007 1250 | | | | | |
| Theoretical coverage | 5 - 6 m ² /l (100 µm). Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated. | | | | | | |
| Pot life (23 °C) | 2 hours. | | | | | | |
| Application details | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application technique</td> <td>Viscosity DIN4</td> </tr> <tr> <td>Low pressure spraying</td> <td>18 - 23 s</td> </tr> <tr> <td>Airless spraying</td> <td>25 - 30 s</td> </tr> </table> | Application technique | Viscosity DIN4 | Low pressure spraying | 18 - 23 s | Airless spraying | 25 - 30 s |
| Application technique | Viscosity DIN4 | | | | | | |
| Low pressure spraying | 18 - 23 s | | | | | | |
| Airless spraying | 25 - 30 s | | | | | | |
| Drying times (100 - 120 g/m²) | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">+ 23 °C</td> </tr> <tr> <td>Dust dry, after</td> <td style="text-align: center;">30 min</td> </tr> <tr> <td>Dry to stack, after</td> <td style="text-align: center;">24 h</td> </tr> </table> <p>Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p> | | + 23 °C | Dust dry, after | 30 min | Dry to stack, after | 24 h |
| | + 23 °C | | | | | | |
| Dust dry, after | 30 min | | | | | | |
| Dry to stack, after | 24 h | | | | | | |
| Thinner | Thinner 1062. | | | | | | |
| Cleaning of tools | Thinner 1062. | | | | | | |
| Gloss | ISO 2813/60° 90 - 100 | | | | | | |
| Colours | Clear. | | | | | | |

DICCOPUR CLEAR 100

APPLICATION DETAILS

| | |
|-------------------------------|--|
| Application | Stir the lacquer carefully. Add 100 % by volume Hardener 007 1250 and mix well. Thin the lacquer to the viscosity needed with Thinner 1062. |
| Application conditions | The surface to be treated has to be clean and dry. During the application and curing process the temperature of the air, the surface to be treated and the lacquer has to be at least 18 °C and the relative humidity of the air below 70 %. |
| VOC | The Volatile Organic Compounds amount is 440 g/litre of paint. Maximum VOC content in ready to use paint (thinned 20 % by volume) is 559 g/l. |
| HEALTH AND SAFETY | 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. A health and safety data sheet is available on request from Tikkurila Oy. |

Iiti081106/snl100108/005 5783, 007 1250