

## NOVIPUR SEALER TIX

| <b>DESCRIPTION</b>                              | Two component polyurethane lacquer.   |                                  |                     |                       |                       |                    |                                  |
|---|---|----------------------------------|---------------------|-----------------------|-----------------------|--------------------|----------------------------------|
| <b>EMISSION CLASSIFICATION</b>                  | The lacquer does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment.   |                                  |                     |                       |                       |                    |                                  |
| <b>PRODUCT FEATURES AND RECOMMENDED USES</b>    | <ul style="list-style-type: none"> <li>◆ A thixotropic transparent general use polyurethane sealer for all types of wood.</li> <li>◆ Easy to apply, good filling and sanding properties.</li> <li>◆ Recommended for furniture, doors and other wooden surfaces indoors.</li> </ul>  |                                  |                     |                       |                       |                    |                                  |
| <b>TECHNICAL DATA</b>                           |   |                                  |                     |                       |                       |                    |                                  |
| <b>Solids content</b>                           | Lacquer 45 weight-%, mixture 39 weight-%.   |                                  |                     |                       |                       |                    |                                  |
| <b>Specific gravity</b>                         | 0.99 kg/litre.  |                                  |                     |                       |                       |                    |                                  |
| <b>Mixing ratio and product codes</b>           | <table border="0"> <tr> <td>Lacquer</td> <td>100 parts by volume</td> <td>005 5771</td> </tr> <tr> <td>Hardener</td> <td>50 parts by volume</td> <td>007 1269 or 007 1271 or 007 1371</td> </tr> </table>   | Lacquer                          | 100 parts by volume | 005 5771              | Hardener              | 50 parts by volume | 007 1269 or 007 1271 or 007 1371 |
| Lacquer   | 100 parts by volume   | 005 5771                         |                     |                       |                       |                    |                                  |
| Hardener  | 50 parts by volume  | 007 1269 or 007 1271 or 007 1371 |                     |                       |                       |                    |                                  |
| <b>Pot life (23 °C)</b>                         | 4 hours.  |                                  |                     |                       |                       |                    |                                  |
| <b>Theoretical coverage</b>                     | 10-12 m <sup>2</sup> /l (100 µm).<br>Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.   |                                  |                     |                       |                       |                    |                                  |
| <b>Application details</b>                      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application technique</td> <td>Thinning</td> </tr> <tr> <td>Low pressure spraying</td> <td>0 - 30 % Thinner 1069</td> </tr> <tr> <td>Airless spraying</td> <td>0 - 30 % Thinner 1069</td> </tr> </table>  | Application technique            | Thinning            | Low pressure spraying | 0 - 30 % Thinner 1069 | Airless spraying   | 0 - 30 % Thinner 1069            |
| Application technique                           | Thinning  |                                  |                     |                       |                       |                    |                                  |
| Low pressure spraying                           | 0 - 30 % Thinner 1069   |                                  |                     |                       |                       |                    |                                  |
| Airless spraying                                | 0 - 30 % Thinner 1069   |                                  |                     |                       |                       |                    |                                  |
| <b>Drying times (100 - 120 g/m<sup>2</sup>)</b> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">23°C</th> <th style="text-align: center;">50°C</th> </tr> </thead> <tbody> <tr> <td>Dry to sand, after</td> <td style="text-align: center;">1-3 h</td> <td style="text-align: center;">1-2 h</td> </tr> </tbody> </table> <p>Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</p> |                                  | 23°C                | 50°C                  | Dry to sand, after    | 1-3 h              | 1-2 h                            |
|   | 23°C  | 50°C                             |                     |                       |                       |                    |                                  |
| Dry to sand, after                              | 1-3 h   | 1-2 h                            |                     |                       |                       |                    |                                  |
| <b>Thinner</b>                                  | Thinner 1069 (normal) or Thinner 1068 (slow).   |                                  |                     |                       |                       |                    |                                  |
| <b>Cleaning of tools</b>                        | Thinner 1069.   |                                  |                     |                       |                       |                    |                                  |
| <b>Colours</b>                                  | Clear. Dicco Color and Akvi Color stain colour cards.   |                                  |                     |                       |                       |                    |                                  |

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## APPLICATION DETAILS

|                               |  |
|-------------------------------|--|
| <b>Application</b>            | Stir the sealer carefully. Add 50 % by volume Hardener 007 1269 and mix well. Thin the sealer to the viscosity needed with Thinner 1069. Proper spraying viscosity is 15-25 sec (Din4). The right nozzle size is 0,009-0,011" and angle 20 or 40 and the spraying distance from object about 20-25 cm. |
| <b>Top lacquer</b>            | Novipur Clear ST and Novipur Clear Tix   |
| <b>Application conditions</b> | The surface to be treated has to be clean and dry. During application and curing process the temperature of the air, the surface to be treated and the sealer has to be at least 18 °C and the relative humidity of the air below 70 %.  |
| <b>VOC</b>                    | The Volatile Organic Compounds amount is 575 g/litre of sealer.<br>Maximum VOC content in ready to use sealer (thinned 20 % by volume) is 653 g/l.   |
| <b>HEALTH AND SAFETY</b>      | 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.<br>A health and safety data sheet is available on request from Tikkurila Oy.                             |

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