## Binders for Water Based Stains

<table>
<thead>
<tr>
<th>CODE</th>
<th>Description</th>
<th>Pore Marking</th>
<th>Technical Description</th>
<th>Drying</th>
<th>Over-Coating</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLC50</td>
<td>Binder for dipping stains</td>
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<td>For dipping stains or flow coating applications. In dipping stains it grants an excellent levelling power and a good uniformity of the stain, especially in combination with TSW100 Series and DPW500 Series. The recommended quantity is 10-40% of the ready to use stain.</td>
<td>FAST</td>
<td>Water-based coat or solvent-based coat (PU, Nitro, Acrylic)</td>
<td>XX XX --- XXX</td>
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| VLC57 | Binder for spray stains and roller stains | HIGH | For roller stains, spray stains and also patinas. If added to patinas, it provides a good adhesion of the patina to the surface and it makes the drying faster. In spray stains it improves the pore marking. It can be used with dyes and/or pigments. The recommended quantity is:  
- 35-45% for roller stains  
- 5-10% for spray stains, depending on the desired pore marking  
- 5-10% for the preparation of patinas | MEDIUM | Water-based coat or solvent-based coat (PU, Nitro, Acrylic) | XXX XX XXX --- |
| VLW301 | Slow Binder for spray stains and spray/wipe stains | HIGH | For spray stains and wiping stains. It has a high wetting power even if applied in shade. It is important to check the "open time", in order to balance the amount of binder according to the desired result. Stains with great amount of binder should be applied in lighter shade. It can be used up to 80% of ready to use stain. | VERY SLOW | Water-based coat or solvent-based coat (PU, Nitro, Acrylic) | XX XXX X X |
| VLW306M | Binder for spray and wipe stains | HIGH | For spray stains and spray and wipe stains. It makes the drying slower and it increases the "open time" for spray and wipe stains. It can also be combined with other water-based binders depending on the desired effect. The recommended quantity is:  
- 5-10% for spray stains  
- 15-25% for spray and wipe stains | VERY SLOW | Water-based coat or solvent-based coat (PU, Nitro, Acrylic) | X XXX --- --- |
### WATER-BASED BINDERS

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<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
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| VLW312| BINDER FOR SPRAY STAINS AND BRUSHING STAINS      | MEDIUM       | For spray stains or application by brush. It helps to regulate the penetration of the dye into the wood providing a good transparency and a good pore marking too. Thanks to its high levelling power it is also suitable for soft woods. Stains containing VLW312 can also be overcoated by brush, without any problems of bleeding (for dyes) or “pick up” (for pigments). The recommended quantity is:  
  - 5-10% for spray stains  
  - 15-20% for applications by brush or wiping stains | SLOW    | WATER-BASED COAT OR SOLVENT-BASED COAT (PU, NITRO, ACRYLIC) | x         |
| VLW317| BINDER FOR PATINAS                                | ——           | For water-based patinas. It can be applied on both water-based coat and solvent-based coat. It provides a good distension of the patina on the coat, a quick drying and a very easy scrubbing. It can also be used in spray stains or spray and wipe stains in order to increase the uniformity of the stain. The recommended quantity is:  
  - 40-50% for patinas  
  - 5-10% for spray stains | MEDIUM  | WATER-BASED COAT OR SOLVENT-BASED COAT (PU, NITRO, ACRYLIC) | xxx       |
| VLW319| BINDER FOR WIPING STAINS                          | MEDIUM       | For spray stains or wiping stains. This binder has been developed to be applied directly on assembled furniture, where it is required a good “open time” and a good uniformity of colour. The recommended quantity is:  
  - 5-10% for spray stains  
  - 15-25% for wiping stains | SLOW    | WATER-BASED COAT OR SOLVENT-BASED COAT (PU, NITRO, ACRYLIC) | xx        |

xxx: excellent  xx: suitable  x: possible in specific application  ---: not suitable

### STORAGE GUIDELINES:

It is recommended to keep the products away from frost and from heat sources and avoid prolonging the storage after 12 months from the date of production. After that date it’s suggested to users a check of the product before use.

For further technical information please consult our technical assistance.

### Disclaimer

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