**Lacper® 4215**

Aqueous polyurethane dispersion

**Technical Data Sheet**

Revision Date: 2018-12-07  
NO. WHSM_4215

Name: Lacper® 4215  
Version: 1.2

**Product Description**

*Lacper® 4215* is an oil-modified polyurethane dispersion designed for the topcoat of wood finish, which is APEO, NMP, NEP and tin free. It can be used in floor, windows and frames. It contains approx. <1% triethylamine, biocide: CMIT/MIT 3:1 14ppm, BIT 200ppm.

**Properties**

1. Excellent black heel resistance  
2. Rapid hardness development  
3. Excellent scratch resistance

**Characteristic data***

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Transparent to milky white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight Solids</td>
<td>40±1</td>
<td>wt%</td>
<td>WHPU/T011-571-2017</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-9.0</td>
<td></td>
<td>GB 6920-1986</td>
</tr>
<tr>
<td>MFFT</td>
<td>47</td>
<td>ºC</td>
<td>GB/T 9267-2008</td>
</tr>
<tr>
<td>Viscosity</td>
<td>10-200</td>
<td>mPa·s</td>
<td>GB/T 2794-2013</td>
</tr>
</tbody>
</table>

*Property values represent typical results only and are not to be considered as specifications, subject to specific COA

**Storage**

The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after more than 6 months. The product should be protected from freezing during storage. After opening the packing, it is suggested to use up one time. Well filtration before using is necessary as normal water based binder.
Lacper® 4215

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.