Dispers® pigment preparations for identification of wood composites

Add values to your products with our colors

Identification of wood composites
Coloration of MDF/HDF and particle boards to add value to the product
- **Green or Blue**: moisture resistant particle board and low-swell MDF/HDF
- **Red**: fire retardant boards

Dispers® are waterborne liquid preparations based on organic and inorganic pigments well stabilized with an optimized blend
- for the marking of various wood composites
- environmental advantages (compared to dyes)
- very good light fastness
- easy to clean
- neutral pH-value
Dispers® product portfolio for identification of wood composites

Key benefits

Pigment preparations for identification of wood composites

<table>
<thead>
<tr>
<th>Application</th>
<th>Trade name</th>
<th>C.I.</th>
<th>Characteristics</th>
<th>Pigment content (~%)</th>
<th>pH</th>
<th>Recommended dosage rate (~% color/dry fiber)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture resistant MDF or Particle board for construction</td>
<td>Dispers® Green 8711</td>
<td>Mixture</td>
<td>pigment preparation, low concentrated</td>
<td>11</td>
<td>7 - 9</td>
<td>0.2 - 0.3</td>
</tr>
<tr>
<td></td>
<td>Dispers® Green 8744</td>
<td>Mixture</td>
<td>pigment preparation, high concentrated</td>
<td>40</td>
<td>8 - 10</td>
<td>0.05 - 0.1</td>
</tr>
<tr>
<td>Fire retardant MDF or Particle board for construction</td>
<td>Dispers® Red 3855</td>
<td>Pigment Red 112</td>
<td>pigment preparation</td>
<td>50</td>
<td>7 - 10</td>
<td>0.25 - 1.00</td>
</tr>
<tr>
<td>Antistatic Particle boards</td>
<td>Dispers® Black 0076 (conductive carbon black)</td>
<td>Pigment Black 7</td>
<td>antistatic, functional properties avoiding electrostatic charge</td>
<td>27</td>
<td>7 - 8</td>
<td>4</td>
</tr>
<tr>
<td>Shuttering Panels</td>
<td>Dispers® Brown 3581</td>
<td>Mixture</td>
<td>pigment preparation</td>
<td>55</td>
<td>7 - 9</td>
<td>1 - 2</td>
</tr>
</tbody>
</table>

Key benefits of Dispers® Green 8744

- **No GHS* classification** → allows easy handling in productions, no special security measures (e.g. personal safety equipment) needed.
- **Better heat stability** up to 240°C than dyes → color stays unchanged at press surface during pressing process.
- **Better light fastness than dyes** → does not get destroyed on surface and cut surface after two days under indirect sunlight exposure (window glass). Identification is still possible after sunlight exposure.
- **Less remaining color than dyes** → easy to clean with water and thus, reduces time and effort spent on cleaning surfaces
- **Neutral pH-value** → does not influence the hardening of the glue

*GHS: Globally Harmonized System

Contacts

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