

**ANSERCOLL 1456 Laminat**

**PRODUCT**

Adhesive of class D3 based on modified vinyl dispersion with refining agents added.

**APPLICATION**

Adhesive intended for gluing hardwood, softwood, wood-derived materials such chipboard, millboard, OSB, MDF, HDF boards as well as multi-layer laminated materials, and veneer on paper base. It is suitable for gluing cold or with temperature or high frequency currents activation.

**PROPERTIES**

- attains joint's resistance to water of class D3
- attains joint's resistance to water of class D4 with a 5% addition of the hardener Izohard 5
- does not contain organic solvents, formaldehyde, phthalates
- elastic and transparent joint, even at the temperature of 4°C
- produced based on high quality raw materials from renowned European companies

**TECHNICAL DATA**

| No | Inspected property                         | Requirements                     |
|----|--|----------------------------------|
| 1. | Colour of the adhesive                     | white                            |
| 2. | Colour of the joint                        | transparent                      |
| 3. | Dry mass                                   | 50% ± 2                          |
| 4. | pH   | 3.0 ± 0.5                        |
| 5. | Density                                    | 1.1 g/cm <sup>3</sup> ± 0.02     |
| 6. | Viscosity (Brookfield's method)            | 12000 mPa*s ± 3000               |
| 7. | Minimum temperature of film formation      | approx. 4°C                      |
| 8. | Resistance of the joint to cracking        | minimum 2.9 MPa after 25 minutes |
| 9. | Open time (temperature 20°C, humidity 50%) | 5÷7 minutes                      |

**INDICATIONS FOR APPLICATION**

Prior to use mix thoroughly. Apply on cleansed surfaces with the aid of typical tools such as: brushes, rollers, spatulas and jets. In case of natural veneer, contact with iron shall be avoided as it may change the colour of wood containing tannins.

Optimum gluing conditions:

- temperature of the adhesive and materials glued 15÷25°C (not identical with MTB)
- life of the adhesive mix with the hardener 3 to 5 hours
- glue application on one or two sides
- efficiency 90÷150 g/m<sup>2</sup>
- open time 5÷7 minutes
- air dampness 40÷90%

*Attention: In case of wood dampness below 50%, open time may get shorter.*

- wood dampness up to 12%

In order to attain resistance to water of class D3, double-sided application is necessary.

Recommended pressing time:

|                                  |               |
|----------------------------------|---------------|
| at room temperature (18 - 22 °C) | 18÷22 minutes |
| temperature 50°C                 | 4 minutes     |
| temperature 70°C                 | 160 seconds   |
| temperature 90°C                 | 120 seconds   |
| temperature 140°C                | 30 seconds    |

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Given times apply to elements 1.5 – 2.5 centimetres thick, thicker elements require longer pressing time: 60 seconds longer for each centimetre, or higher temperature.

**STORAGE**

Should be stored in tightly closed containers, in cool dry locations for up to 6 months. Storage temperature 5÷25°C.

**PACKAGING**

As per client's requests.