

ORGALOK MA 35

Formulated Cross-linking Emulsion Adhesive

2/18

INTRODUCTION

ORGALOK MA 35 is a formulated cross-linking synthetic emulsion. Its fast setting and water resistance are suitable for rapid production and bond security even under damp conditions.

ORGALOK MA 35 complies D3 load specifications according to DIN EN 204. ORGALOK MA 35 can be used in interior environments with frequent short-term exposure to running or condensed water and/or high humidity environments.

TYPICAL PROPERTIES

| | |
|-----------------------------|-----------------------|
| Appearance | White paste |
| Solids % \pm 2 | 50 |
| Viscosity (RVT 6/20, 25 °C) | 18000 \pm 5000 cps |
| pH | 2.5 – 3.5 |
| MFFT (°C) | 3 |
| Storage stability | Protect from freezing |

APPLICATIONS

ORGALOK MA 35 can be used in lamination of HPL to wood based substrates and wood to wood when a good water resistance is required.

| | |
|---|--|
| Temperature of substrates, environment & adhesive | 15 - 20°C |
| Moisture content in wood | 8 - 12 %, if higher increase press time. |
| Coat weight | 100 - 160 g/m ² |
| Glue line pressure for soft wood or flat lamination | 2 - 7 kg/cm ² |
| Glue line pressure for hard wood | 9 - 12 kg/cm ² |
| Open time > 5 minutes | |
| Closed assembly time up to 15 minutes | |
| Press time (20°C) | 10 minutes minimum |

- ORGALOK MA 35 can be applied using mechanical glue spreader, brush or hand roller and air activated glue gun.
- Full water resistance is achieved after 7 days.
- Press time in HF may change from 2 to 5 minutes. Press time varies according to the type of wood, moisture of wood, thickness of the material, ambient conditions and machine speed.
- The product should be thoroughly mixed before use. Addition of water to ORGALOK MA 35 is not recommended. Clean up with warm water.

PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5 – 25 °C for a maximum of 12 months from production date. Rotate stock using oldest material first. Do not mix with other adhesives. Protect from freezing.

Important Notice: This information is based on our present state of knowledge and is intended to provide general notes on Organik Kimya Products and their uses. It should not therefore be construed as a guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.