



# POLYECO CLEAR

## Aliphatic water-based polyurethane resin

### SURFACE REQUIREMENTS

Surface must fulfill the following requirements:

- Cohesive strength: minimum 1, 5 Mpa.
- Compression strength: minimum 25 Mpa.

Must be free from any vapor or water pressure. Surface must also be clean, dry and free from poorly adhesive areas. Moisture content must be less than 4%.

Recommended surface temperature: 10°C to 25°C.

If underlying moisture is suspected, use a suitable primer. Please contact JOFA RESINS for further information about primer types.

New concrete slabs must be allowed to dry for 3 weeks before starting job.

On porous substrates, it is recommended a prior sealing or primer coating. Direct application of Polyeco Matt on a porous substrate is not recommended because of the risk of excessive matting agent deposits on the surface.

### ENVIRONMENTAL CONDITIONS

- Recommended air temperature: 10°C to 30°C
- Recommended humidity: Less than 80%.

### SURFACE PREPARATION

Concrete:

Abrade, scarify or treat the surface with a diamond grinding machine or similar, and then applying enough quantity of a SINDEC epoxy-type primer.

Allow a 12-24 hours drying time of the primer before resuming job.

### MIXING

Open the component A container then Pour component B and stir gently for 2 minutes. Transfer the mixture to a bigger container and check there is no unmixed product left.

### APPLICATION

Use a suitable paint roller.

### RECOMMENDED QUANTITIES

Apply up to 250 or 300 g/m<sup>2</sup> by coat. Thicker applications can lead to blistering.

### CURING TIME

Curing time depends strongly on the local conditions. Curing speed will increase with temperature and decrease with humidity. Following data refer to 200 g/m<sup>2</sup> applications.

Conditions	Touch dry (h)
20°C, 50% hr	5
20°C, 15% hr	4
5°C, 50% hr	25
5°C, 20% hr	35
5°C, 80% hr	60
35°C, 40% hr	2
35°C, 10% hr	1

### RECOATING

When two coats are applied, the second one can be applied after 24 or 48 the first one is dry to touch.

### RETURN TO SERVICE

Light pedestrian traffic is allowed after 24 hours.

### TOOL CLEANING

Component A and B can be cleaned with water. Cured product cannot be dissolved, unless special stripping products are used.

### FAQS

#### QUESTION

¿It can be thinned?

#### ANSWER

Use water, up to 15% of addition, in the A+B mixture, immediately after mixing. If thinning several cans, be sure to use the same amount in each to prevent colour variations.

### MAINTENANCE

A daily water scrub is allowed. **Caution:** some solvents may seriously damage the surface.

### SAFETY

Component B contains isocyanate's. Always follow the instructions provided in the material safety data sheet and take the precautions specified. As a general rule, suitable ventilation must be ensured and any skin contact must be avoided. This product is intended to only be used for the describes specifications. Sprayed application methods are not recommended due to health and safety reasons. This product is to be used only by industrial or professional users. It is not suitable for DIY-type use.

### ENVIROMENTAL PRECAUTIONS

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager.

### OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written and verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise.

The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.