



Read the instructions in this technical datasheet carefully.  
If you have any questions, please contact us.

## Application

This flooring, made from aliphatic polyaspartic resin (PA), cures very quickly, meaning the floor is ready for use and can be walked on after just 3 hours. Unlike other flooring systems, it is therefore possible to apply several coats in a single day. This is ideal when the room cannot be left unused for long periods. Furthermore, this polyaspartic flooring stands out for its high UV resistance, making it ideal for outdoor applications, such as balconies or terraces.

## Properties

Polyaspartic flooring offers a number of advantages. We have compiled a list of the most important features:

- **Fast curing:** one of the key features of PA flooring is its fast curing time. The floor is ready for use and can be recoated after just 3 hours. This allows you to apply several coats in a single day.
- **High UV resistance:** this aliphatic flooring is highly resistant to UV rays, so it does not yellow and retains its gloss. This transparent flooring is therefore ideal for outdoor use, for example on balconies and terraces.
- **Plasticiser-resistant:** Polyaspartic flooring is highly resistant to plasticisers, making it ideal for use in garages with light to medium traffic.
- **Solvent-free:** Polyaspartic flooring contains no solvents, making it safe to use.
- **Easy to clean:** once cured, the floor can be cleaned very easily.

## Instructions for Use

Before starting, it is important to pretreat the substrate with RESION Epoxy Floor Primer. Then follow the instructions below to correctly apply the RESION Polyaspartic Floor Coating:

1. Open Component A and mix it thoroughly using a spiral mixer.
2. Pour Component B into Component A and mix thoroughly again until a homogeneous mixture is obtained. Be sure to include the sides and bottom of the container when mixing.
3. Pour the mixture into a clean bucket and mix thoroughly again.
4. Apply the Polyaspartic Coating using a roller or trowel. Due to the short working time, it is recommended not to produce more product than you can cover in 15 minutes.
5. It is possible to sprinkle a generous amount of flakes onto the floor. After hardening, you can easily remove any excess flakes. Then finish the floor with a transparent layer of Polyaspartic.

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The curing time is highly dependent on ambient conditions. The higher the temperature, the faster the product cures. At a temperature of 25°C and 25% relative humidity, the coating is walkable after 1 hour.

Application conditions: Ensure that the desired application conditions are met to achieve optimal results. Ensure that the substrate and ambient temperature is between 10°C and 25°C. During curing, the relative humidity must not exceed 80% RH. During the curing process, ensure adequate ventilation to remove excess moisture. If the air is saturated, the film cannot dry.

Dew point: Be mindful of condensation. The temperature of the substrate and the unpolymerized material must be at least 3°C above the dew point to avoid any risk of condensation or whitening of the finish.

## Technical details

- Mixing ratio (by weight): 100:56
- Mixing ratio (by volume): 100:52
- Working time (mixed): 20-25 minutes (25°C)
- Dust-free: after 45 minutes (20°C)
- Walkable: after 60 minutes (20°C)
- Lightly loadable: after 2 hours (20°C)
- Fully cured: after 3 hours (20°C)
- Consumption: 250-300 g/m<sup>2</sup>
- Viscosity: 265 mPa·s<sup>-1</sup> (20°C)
- Density: 1.06 g/cm<sup>3</sup>

## Handling

Use nitril gloves and safety goggles. Use a respirator if there is no adequate ventilation.

## Storage and shelf life

Up to 12 months after the production date in the original, sealed, unopened and undamaged packaging, stored in a dry place between +10°C and +30°C.

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