

### 1. Application Conditions

- Application temperature: 8–30°C with a relative humidity of 30–75%.
- The substrate temperature must be at least 5°C (minimum 3°C above the dew point).
- Ensure that the substrate is completely dry before application.
- Store the coating in a cool place before use (<20°C) and avoid direct sunlight or warm storage areas.

### 2. Required Materials

- Clean tap water
- Watering can with spray nozzle
- Mixing paddle (for electric drill)
- Sander or concrete grinder
- Brushes and rollers including roller frame
- AviGlobe Coat ADP Cleaner
- AviGlobe Fast-Drying Floor Coating

### 3. Surface Preparation

Proper surface preparation is essential for achieving the best possible result.

Grease, dirt (feed residues, droppings), and all other contaminants must be completely removed from the surface. A pressure washer may be used if necessary. Roughen the surface using a concrete grinder or sanding machine.

Clean the surface with AviGlobe ADP Cleaner diluted 1:10 with water. Apply using a watering can with spray nozzle, brush thoroughly, and allow the cleaner to soak for approximately **10 minutes**.

Rinse the surface thoroughly with clean water and remove excess water. Allow the substrate to dry completely. If necessary, use a gas burner to dry damp (dark-colored) areas.

Special Instructions by Substrate Type

#### New cement-based substrates

- The substrate must be at least 4 weeks old before coating.

- Power-troweled/dense concrete surfaces must first be mechanically sanded.
- Existing paint, plastic, or coating layers
- Thoroughly sand the surface before application.
- *Steel*: remove rust and degrease thoroughly.
- *Wood*: pre-treated wood must be sanded. All oil, wax, and greasy residues must be completely removed.

### 4. Application Sequence

Apply the products in the following order:

- First AviGlobe Floor Coating
- Second coat of AviGlobe Floor Coating

### 5. Mixing Instructions

Before use, combine Component B (hardener) with Component A.

Mix thoroughly using the supplied mixing paddle attached to an electric drill for approximately **2 minutes**.

Ensure that the material is mixed thoroughly along the sides and bottom of the container.



### 6. Pot Life and Application Time

After mixing, pour the coating onto the floor within **20 minutes** in several sections.

Spread the coating evenly using a roller. Use the roller to distribute and push the material forward across the surface.

Use a brush for edges and corners. A floor squeegee may also be used if desired.

#### Important

Always observe the specified pot life. Once the pot life has been exceeded, the curing process will have started, making the product difficult to apply. Do not reseal the container after mixing with the hardener.

Store the coating below 20°C before use and keep it out of direct sunlight.

New substrate 0.4–1.0 kg/m<sup>2</sup>(\*) Lightly worn substrate 1–2 kg/m<sup>2</sup> (\*)

(\*) Actual consumption may vary depending on the condition and porosity of the substrate.

## Important Application Notes

- Remove masking tape a few hours after applying the coating, while the coating is still wet.
- Ensure that floor drains, inspection covers, and manhole covers are properly sealed to prevent the coating from flowing into them.
- If the substrate has a significant slope, do not apply the coating too thickly, or adequately contain the coating to prevent it from running.
- Work **wet-on-wet** by applying the coating in continuous sections. This allows adjacent areas to cure and dry together, resulting in the best possible finish.
- Do not mix more material than can be applied within the specified pot life. Only mix a new container of coating when the previous one has been fully used. Once Components A and B have been mixed, the pot life begins and the coating will gradually start to cure in the container.
- If the coating has been stored in a warm environment, is already warm before use, or has been exposed to direct sunlight, the curing process will accelerate. As a result, the available working time will be significantly reduced.
- Ensure adequate ventilation of the area while the coating is drying and curing.
- As a general rule, always carry out a test application when working on an unfamiliar substrate.
- If you wish to divide a container into smaller portions, first thoroughly mix **Component A** before removing any material to ensure a consistent composition.

### Applying a Thicker Coating Layer

**Important:** When applying a thicker coating layer, there is a risk that the coating may flow over masking tape or other temporary boundaries.

In such cases, a raised edge or temporary threshold should be created to contain the coating and prevent it from flowing beyond the intended area.

This temporary barrier can be removed a few hours after application, once the coating has partially cured

and is firm enough to retain its shape without spreading.

## 7. AviGlobe Anti-Slip Aggregate (Optional)

To create a safe, slip-resistant walking surface, the freshly applied coating can be broadcast with **AviGlobe Fine Anti-Slip Aggregate** or **AviGlobe Coarse Anti-Slip Aggregate**.

AviGlobe Anti-Slip Aggregate consists of specially selected granules that are applied immediately after the coating has been installed, while the coating is still wet. Evenly broadcast the aggregate over the surface and then lightly back-roll the coating to ensure proper embedment.

### Fine Anti-Slip Aggregate

When using AviGlobe Fine Anti-Slip Aggregate, the coating layer should not exceed **0.6 kg/m<sup>2</sup>**, corresponding to an approximate dry film thickness of **0.6 mm**.

### Coarse Anti-Slip Aggregate

When using AviGlobe Coarse Anti-Slip Aggregate, the coating layer should not exceed **2.0 kg/m<sup>2</sup>**, corresponding to an approximate dry film thickness of **2.0 mm**. Important: If the coating is applied too thickly, the anti-slip aggregate may become excessively embedded in the coating layer, reducing its effectiveness and resulting in a less pronounced anti-slip profile.

## 8. Applying Multiple Coats

If the floor coating is to be applied in multiple layers, it is recommended to apply the subsequent coat **within 24 hours** of the previous application.

Applying the next coat within this timeframe will generally ensure optimal intercoat adhesion without additional surface preparation.

If more than **24 hours** have elapsed since the previous coat was applied, the surface must first be mechanically abraded (sanded) to create a suitable profile and ensure proper adhesion of the subsequent layer.

Important: Remove all sanding dust and contaminants before applying the next coat.

## 9. Drying and Curing Times (at 20°C / 68°F)

| <u>Stage</u>                       | <u>Time</u>                  |
|------------------------------------|------------------------------|
| Walkable                           | After approximately 6 hours  |
| Chemical and mechanical resistance | After approximately 48 hours |
| Fully cured                        | After approximately 7 days   |

**Important:** Drying and curing times are based on an ambient temperature of **20°C (68°F)** and normal ventilation conditions. Lower temperatures, higher humidity levels, or insufficient ventilation may extend the curing process. Higher temperatures may accelerate curing and reduce working time.

While the information contained in this Technical Data Sheet has been compiled with the utmost care based on our current knowledge and laboratory testing, it is provided for general guidance purposes only. It does not relieve the user of the responsibility to determine the suitability of the product for the specific substrate, environmental conditions, and application method by conducting a representative test area prior to use. As product application and site conditions are beyond our control, we can only guarantee consistent product quality in accordance with our terms and conditions of sale. We accept no liability for damage, losses, or unsatisfactory results arising from improper use, extreme conditions, or the combination of our products with third-party materials.

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