

- Use brush or short hair lambs wool roller for application to the prepared surface.
- Prime with 1 - 2 coats of **MONODECK COAT 30** depending on surface relative humidity at a rate of (5 m²/kg per coat) to achieve dry film thickness of 200 microns per coat and allow to dry.
- After the applied layer of **MONODECK COAT 30** has been applied and left to cure, apply **MONODECK COAT 30** as mentioned above.
- Allow drying fully for 24 hours before applying **MONODECK COAT 30**.

Mixing

1. Stir individual components of Strongcoat HB thoroughly and ensure that the bottom and sides are thoroughly scraped before mixing.
2. Use a suitable mixer attached to a slow-running electrical drill to mix the Base and Hardener components of **MONODECK COAT 30**.
3. Place the mixer as near to the working area as possible.
4. Pour the entire content of the Hardener onto the Base container.
5. Start mixing for approximately 3 minutes until a uniform consistency is achieved.

Notes:

- Never mix **MONODECK COAT 30** by hand as this could lead to areas of uncured material.
- Never add the water to the mix.
- Ensure that sufficient labor is available to enable continuous mixing and pouring.
- After mixing ensure that the mix is free from lumps.
- Do not mix part of packs under any condition, as this will change the mixing ratio of product components which will affect the material performance.
- In certain cases, the Base of the product can be supplied uncoloured and needs the addition of a colour pack. In such cases, mix the components of the colour pack and Base for 2 minutes, then add the entire content of the Hardener to the mixture and mix thoroughly for 3 minutes.

Application

Mixed **MONODECK COAT 30** can be applied onto the prepared surfaces using a brush or lambs wool roller, or airless spray machine.

- Mixed **MONODECK COAT 30** should be applied within the product's pot life depending on the ambient temperature.
- Each independent area of application should have sufficient materials, equipment, and labor.
- Avoid contact to vertical structures by masking off edges with tape which is then removed while **MONODECK COAT 30** is still wet.

For Coating Application

- Once mixing is completed, apply 2 coats of mixed Strongcoat HB to the prepared surface (typically at 3.5m²/kg per coat) starting in one corner in continuous application.
- The second coat of Strongcoat HB should be applied at a right angle to the first coat.
- The second coat may be applied as soon as the first coat has initially dried.

For Anti Slip Application

The base coat of Strongcoat HB should be applied at a minimum film thickness of 250 microns and then fully blended with the chosen Anti-Slip Aggregate #2 or #3 as follows:

When using Anti-Slip Aggregate #2 to achieve medium texture [approximately 2 mm system thickness]

- **MONODECK COAT 30** first coat (Base coat) should be applied (typically at 0.37 kg/m²) starting in one corner in a continuous application.
- Sprinkle 2 - 4 kg /m² Antislip Aggregates # 2 equally at the required area to reach fully blind conditions while the first coat is still wet and leave to dry completely.
- Sweep the loose aggregates of the surface completely.
- Apply the second coat (Top coat) of **MONODECK COAT 30** at 0.60 kg/m²; it should be applied at a right angle to the first coat.
- Adequate ventilation must be provided to ensure that necessary drying and curing of the material is achieved.

When using Anti-Slip Aggregate #3 to achieve fine texture [approximately 1.25 mm system thickness]

- **MONODECK COAT 30** first coat (Base coat) should be applied (typically at 0.37 kg/m²) starting in one corner in a continuous application.
- Sprinkle 2 - 4 kg /m² Antislip Aggregates # 3 equally at the required area to reach fully blind conditions while the first coat is still wet and leave to dry completely.
- Sweep the loose aggregates of the surface completely.
- Apply the second coat (Top coat) of **MONODECK COAT 30** at 0.50 kg/m²; it should be applied at a right angle to the first coat.
- Adequate ventilation must be provided to ensure that necessary drying and curing of the material are achieved.
- Allow 2 days after applying the final coat for full curing before subjecting to foot traffic, 4 days before subjecting to vehicle traffic, and 7 days before any chemical spillage.

Notes:

- For best results, mixing and application should be done in a continuous process.
- Keep a continuous application and place mixed material efficiently to maintain a "wet edge".
- For hot climate conditions (temperature > 35°C), special procedures should be conducted.
- **MONODECK COAT 30** should not be used on new concrete less than 14 days old or floors where rising damp is valid unless a suitable primer is used.
- A minimum thickness of 150 microns per coat should be applied to obtain a smooth finish.
- Freshly laid **MONODECK COAT 30** should be protected from moisture since moisture may disturb hardening.

Cleaning

- All tools used with **MONODECK COAT 30** should be cleaned with STARKE-Solvent when it is wet, dried **MONODECK COAT 30** may be removed mechanically.
- Strongcoat Primer and **MONODECK COAT 30** can be cleaned by STARKE solvent prior to setting.

- Strongcoat DPM can be cleaned by STARKE solvent prior to setting.

Limitations

- Avoid freshly applied material exposure to rain, frost, wind, or direct heat that may impair the product setting.
- Do not apply in thicknesses exceeding 200 microns.
- Working time of epoxy systems decreases when the ambient temperature rises.
- Bonding between successive layers may be severely affected by the intervention of moisture or dirt between them.
- Avoid significant temperature variation during application and setting times.
- To avoid inconsistent workability and pot life, make sure that the materials to be used are stored in a shaded area and protected from extremes of temperatures, for at least 24 hours prior to application.
- If the ambient and the substrate temperature is less than 10°C, do not apply the material.

Health and safety

MONODECK COAT 30 should not come into contact with skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

Apply in well-ventilated areas.

Fire:

MONODECK COAT 30 is nonflammable.

MONODECK COAT 30 Primer and STARKE Solvent are flammable. Do not use near a naked flame and do not smoke during use.

SECTION C APPROVAL AND VARIATIONS

This method statement is offered by STARKE as a 'standard proposal' for the application of **MONODECK COAT 30**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to STARKE for approval, in writing, prior to commencement of any work.

STARKE will not accept responsibility or liability for variations to the above method statement under any other condition.