



Epoxy Flooring System for Cafeterias, Canteens, and Dry Storage Areas

By Ressichem Private Limited

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Why Epoxy Floorings at Cafeterias, Canteens, and Dry Storage Areas

Cafeterias, canteens, and dry storage areas typically experience **moderate foot traffic**, regular cleaning, and exposure to mild moisture and food-related spills. The flooring system in these environments must prioritize **functionality, hygiene, and long-term value** over decorative appearance.

This epoxy flooring system from Ressichem provides a **cost-effective yet durable flooring solution** designed to withstand daily operational demands. By combining reliable primers, optional levelling layers, and a robust epoxy topcoat, the system ensures a seamless, hygienic, and easy-to-maintain surface — ideal for areas where practicality and longevity are key considerations.

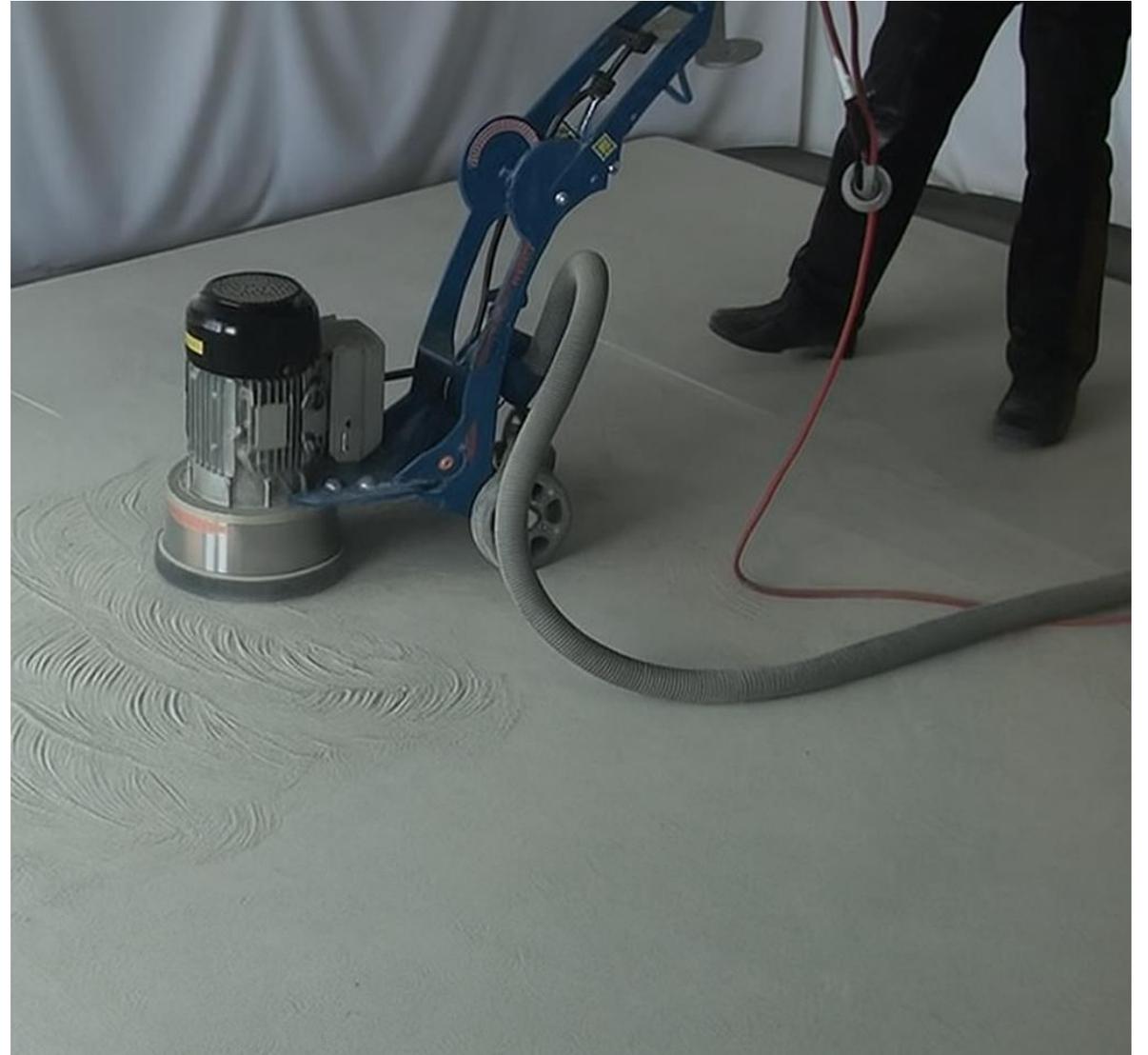
Recommended Use Cases

- Cafeterias and institutional dining spaces
- Corporate and school canteens
- Food preparation corridors and serving areas
- Dry goods and packaging storage zones
- Staff dining and service areas
- Pantry and dry back-of-house facilities



Step 1: Surface Preparation

- The quality of surface preparation directly affects system adhesion and longevity.
- Begin with a **reasonably levelled screed of good strength** free from laitance, dust, oil, grease, and contaminants.
- Mechanically grind or lightly shot blast the surface to create a clean, open texture.
- Fill cracks and surface imperfections with an epoxy-based repair material. All Floor damages should be repaired with suitable Repairing materials. Ressichem has a wide range of concrete repairing materials.
- Ensure that the substrate's **moisture content is below 5%** before proceeding.



Step 2: Application of Ressi SLS Primer – 1 *(If Required)*

Where enhanced bonding is needed before applying a self-levelling layer, use **Ressi SLS Primer – 1**, a latex-based primer formulated to improve adhesion.

- Stir thoroughly before use.
- Apply uniformly by roller, brush, or spray.
- Avoid puddling or excess material.
- Allow to dry to a tack-free finish (typically 2–4 hours). In some cases, the primer can be allowed to dry over night and subsequent self levelling screed can be applied later as well.
- This step improves bonding between the substrate and the optional self-levelling screed.



Step 3: Application of Ressi SLS 610 Self-Levelling Screed (If Required)

If the substrate requires correction or levelling, apply **Ressi SLS 610**, a self-levelling cementitious screed.

- Mix with clean water per manufacturer's recommendations using a low-speed mixer.
- Pour and spread evenly using a gauge rake or trowel.
- Use a spiked roller to release entrapped air and achieve a smooth finish.
- **Ressi SLS 610 does not require curing**, but it must be allowed **7–14 days for moisture release** depending on ambient conditions.
- Proceed with epoxy application only once the **moisture content is verified below 5%**.



Step 4: Application of Ressi EPO Primer LV

Once the surface is fully dry and stabilized, apply **Ressi EPO Primer LV**, a low-viscosity, solvent-free epoxy primer that penetrates and seals the substrate for improved adhesion.

- Mix resin and hardener thoroughly according to the specified ratio.
- Apply uniformly using a roller or brush.
- Avoid puddles and ensure complete coverage.
- Allow the primer to cure overnight before applying the epoxy topcoat.



Step 5: Application of Ressi EPO Tough Might Econo

The final layer is **Ressi EPO Tough Might Econo**, a **high-build, solvent-free epoxy coating** designed to provide strong protection in **economical applications** where performance and value for money are the priority.

- Mix both components thoroughly using a low-speed mechanical mixer.
- It is recommended to apply the product in a single layer of 1000 microns. If need be two coat application techniques can also be used. Applications in lesser thicknesses may result in an orange peel epoxy texture finish.
- Light traffic can be opened within 48 to 72 hours of application. Full traffic and load to be opened over the surface in 7 Days after proper application.
- The finished surface offers excellent mechanical durability, abrasion resistance, and ease of maintenance, making it ideal for service-oriented and dry food areas.

Note: Please refer to the product technical data sheets to have a detailed review of application techniques of the products.





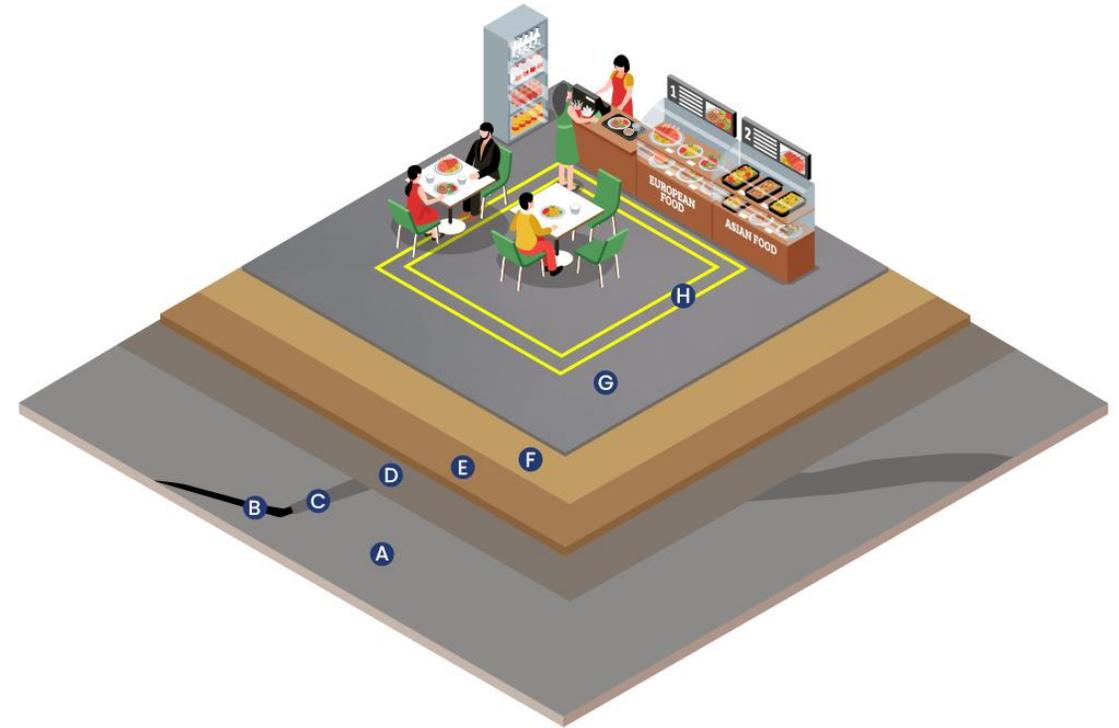
System Summary Table

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Parameter	Description
System Name	Food Service & Dry Storage Epoxy Flooring
Area Type	Cafeterias, Canteens, Dry Storage Areas
Traffic Exposure	Light to Medium Duty
Primary Requirements	Hygienic, Functional, Economical
Optional Layers	Ressi SLS Primer – 1, Ressi SLS 610 (Upon requirement)
Primer	Ressi EPO Primer LV
Topcoat	Ressi EPO Tough Might Econo
Total System Thickness	Minimum 1000 Microns
Finish Type	Smooth, Semi-Gloss (Functional)
Curing Time Before Use	7 Days
Key Benefits	Economical, Hygienic, Durable, Value for Money

System Diagram

- A) Cementitious Surface: (Concrete slab or screed)
- B) Cracks and surface damage
- C) Crack Filler and Repairing Materials
- D) Ressi SLS Primer - 1 (Optional)
- E) Ressi SLS 610 (Optional)
- F) Ressi EPO Primer LV
- G) Ressi EPO Tough Might Econo
- H) Ressi EPO Tough Might (Marking) - Optional



Thank You

Where To Find Us

D-83, S.I.T.E., Industrial Area, Manghopir Road,
Karachi - 75530, Pakistan.

Tel: +92-21-32593800-02

Mob: +92-309-7772464

UAN: +92-21-111-052-052

Email: info@ressichem.com

Website: www.ressichem.com



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