



Safety on Track at Bergshamra

Key Details

Location:

Bergshamra Metro Station, Sweden

Client:

Stockholm Local Traffic

Date:

August 2023

Products:

- **Prismo® Preform Decorative**
- **CP Primer**

Application details:

- **Safety Security Zone**

The Challenge

Stockholm Local Traffic (SLT) wanted to introduce a clear, durable and slip-resistant Safety Security Zone system at Bergshamra Metro Station, modelled on a UK safety protocol. The project involved creating a 75mm yellow line along the full 189 metre platform, accompanied by two white zone markings at either end. This initiative formed part of a trial to assess passenger behaviour in keeping away from the platform edge, supported by audio safety announcements.

The main challenge was the surface itself: the platform is finished in terrazzo tiles, notoriously difficult for materials to adhere to. Winter salt deposits due to surface contamination by metro users further complicated installation. Achieving a long-lasting and skid-resistant marking system on such a surface required the right material, and careful planning to ensure both functionality and safety.





Solution

Prismo® Decorative Preformed Thermoplastic was chosen for the project owing to its strong adhesion across different substrates, ease of application, and high skid resistance offering enhanced safety. Preparation involved drying the terrazzo tiles to remove the winter salt residues and ensure a clean, contaminant-free surface. White sheets at either end were then applied directly to the surface. Careful heating and constant checks using a scraper ensured a secure bond.

For the critical yellow safety lines along the full platform edge, a primer was used prior to the application to achieve maximum durability in this high-traffic, high-wear zone. This dual method ensured both efficiency of application and long-term performance.



Result

The installation was a success, with the Prismo® preformed markings adhering securely to the terrazzo surface. The bold white and yellow zones provided a clear, highly visible safety system to encourage passengers to remain behind the designated line as trains approach and depart. The client was impressed by both the performance, and the ease of application, noting its skid resistance and strong adhesion.



About Prismo® Preform

Our decorative preformed thermoplastic offers a vast range of benefits such as...

- ✓ **Sustainable formula** containing up to 45% recycled materials
- ✓ **Highly skid resistant** for safe, long-term pedestrian use
- ✓ **Exceptional durability** with a long service life in all conditions
- ✓ **Easy to apply** without the need for specialist equipment

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