

Flooring Epoxy Coatings/Toppings

Market	Manufacturing Industry
Market segment	Food Industry
Sub-segment	Meat and Fish
Project	Pierre en Gros, Montreal, QC
Products	Sikafloor 261
Existing situation	Existing floor paint was peeling off causing water to creep under the concrete surface and creating a damp and slippery environment.
Challenge	Provide a safe, aesthetic and easy to clean environment, within the 7-day time frame without disrupting the plant operations
Solution	Sikafloor 261, System 4-Self-leveling/Broadcast 5 mm Signal Blue RAL 550, Agate Grey RAL 7038

Fish supplier projects clean image Clean and durable floors create a lasting impression



The floors of a high profile fish and seafood supplier to luxury hotels and restaurants were rapidly deteriorating. The existing paint was peeling off the floor causing water to creep under the concrete surface and was creating a damp and slippery environment. The surface of the loading areas was also worn due to high traffic forklift use and the floors of a recent expansion also needed to be coated.

The requirements consisted of providing an aesthetic, clean and slip-resistant floor in the processing areas while meeting CFIA acceptance & Workplace Safety Standards. In addition, provide a durable impact resistant surface for pallets in high traffic areas.

The biggest challenge was to complete the installation of 200 m² of Sikafloor 261 on one side of the processing plant, and then transfer the equipment over to the new 150 m² area within a 7-day time frame and without disrupting the plant operations.

The new drain trenches were installed first in the new expansion area of the building. The floor was then shotblasted and a primer coat of Sikafloor 261. A slurry coat of Sikafloor 261 was applied and then fully broadcasted to saturation and let to dry for 8 hours. The entire floor was then coated with Sikafloor 261 neat at 20 mils.

The Sika Solution provided a clean, durable and impermeable floor that is now easily cleaned and maintained. Sikafloor 261's



high abrasion and impact resistance resulted in a safe and durable long-lasting surface in the high traffic areas of the plant and an aesthetic facility to show off to their clients.



Sikafloor 261-System 4

Other available

Sikafloor 261 Systems:

System 1: Smooth Finish Coating

System 2: Thixo Coating

System 3: Neat/Broadcasting Surfacing

System 5: Self-Leveling Smooth Surfacing

System 6: Mortar Screed

System 7: Wet Processing and Cold Storage Surfacing

Self-Leveling / Broadcast Surfacing (3-6 mm)

Solvent and silicone-free, high-strength epoxy resin used as a binder for self-leveling mortar and broadcast system to produce an aesthetic slip-resistant seamless floor. Typically used to level and retrofit floors.

- High abrasion and impact resistance.
- Superior chemical and mechanical resistance.
- Variety of slip-resistant surface profiles.
- Durable, impermeable and seamless.
- Does not support growth of bacteria or fungus.
- Unlimited colour flexibility.
- Canadian Food Inspection Agency acceptance.
- Easily cleaned and maintained.

Other related products

Sikafloor EpoCem 82

For wet processing environments

Self-leveling, epoxy-cement floor topping for structural resurfacing

Specifically formulated for leveling and structurally re-profiling on damp 'green' or saturated surface dry concrete slabs for thickness of 4-7 mm (160-280 mils).

- Water based, solvent-free and odourless.
- Can be over-coated with epoxy resin compounds after 24 h (20°C).
- Waterproof yet permeable to water vapour.
- Good adhesion after long-term water immersion.
- Canadian Food Inspection Agency acceptance.

Sikafloor 381

Provides chemical resistance in preparation areas

Self-leveling, solvent-free, highly resistant epoxy Novolac binder

Used as a coating for concrete inbound areas and catch basins for chemically aggressive liquids.

Used as a binder for high-performance, self-leveling epoxy mortars.

- Has extremely high chemical and mechanical resistance.
- Excellent abrasion resistance.

Sikaflex 1a

Seals joints between wall panels

One-component, premium-grade, high-performance, moisture-cured, polyurethane-based, non-sag elastomeric sealant

Designed for all types of joints with maximum depth of 13 mm and a maximum expansion of 25%.

Suitable as an elastic adhesive between materials with dissimilar thermal coefficients of expansion.

- High-elasticity – Cures to a tough, durable, flexible consistency with exceptional cut and tear resistance.
- Canadian Food Inspection Agency acceptance.

New

Fast Set Mortars

Complete your jobs without delays!

SikaQuick 1000

One-component, rapid-hardening, early strength gaining, cementitious patching material for concrete

Specially suited for hot weather applications when extended working time is required

- Rapid hardening as defined by ASTM C928
- Allows application of an epoxy coating within 6 hours
- Open to foot traffic in 4 hours, to vehicle traffic in 6 hours

SikaQuick 2500

One-component, very-rapid hardening, early strength gaining, cementitious patching material for concrete

- Very rapid hardening as defined by ASTM C928
- Allows application of an epoxy coating within 4 hours
- Open to foot traffic in 45 minutes, to vehicle traffic in 1 hour
- High early strength and fast setting

SikaSet 45

One-component, very-rapid setting, early strength gaining, chemically reactive patching and repair material for concrete

- Very rapid hardening as defined by ASTM C928
- Freeze/thaw resistance
- Open to foot traffic in 45 minutes, to vehicle traffic in 1 hour
- High early strength and fast setting

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