FEATURE FOCUS
ROOSTERS BREWERY - OGDEN, UT.

MOHANDIS CORNER
9235 WATERPROOFING MEMBRANE

NEWS & EVENTS
STELLAR™ LAUNCH & LMEA GREEN INITIATIVE
9235 Waterproofing Membrane Checklist

In this issue we take a look at the proper checklist to go through prior to applying the 9235 Waterproofing Membrane. We also cover the 9235 Waterproofing Membrane treatments for corners.

Please Note: the following items should be reviewed after the installation of 9235 Waterproofing Membrane and before installation of ceramic or stone tile:

1. All joints, coves, corners and changes of plane are treated with 9235 waterproofing membrane 6” wide fabric;
2. Reinforcing fabric is totally encapsulated by the liquid – no visible white fabric;
3. All fabric seams are overlapped by 2” (50mm);
4. No scuff marks, rips or other damages to the membrane;
5. Sealant at drains, pipe penetrations, expansion joints per the details;
6. Reinforcing fabric is flashed up verticals 4” (100mm);
7. No bubbles.

Corrections:

1. un-taped joints require an application of 6” (150mm) wide fabric over the membrane per LATICRETE DS WPAF.5;
2. fabric that has not been totally encapsulated requires a full membrane application over the first;
3. seams that have not been properly overlapped require an application of 6” (150mm) wide fabric over the membrane per LATICRETE DS WPAF.5;
4. damaged membrane requires patching with fabric, approximately 6” (150mm) wider and longer than the damaged area, applied per LATICRETE DS WPAF.5;
5. sealant must be properly installed;
6. verticals that are not flashed require an application of 6” (150mm) fabric per LATICRETE DS WPAF.5; bubbles must be cut out and the substrate examined to determine the cause; once the substrate condition has been corrected, the area requires patching with fabric, approximately 6” (150mm) wider and longer than the bubble, applied per LATICRETE DS WPAF.5.

Corner Treatments

Inside & Outside Corners

- Cut a 6” (150mm) long piece from the 6” (150mm) wide Waterproofing/Anti-Fracture Fabric roll, making a 6” x 6” (150mm x 150mm) square;
- Make a cut from the center of one edge halfway to the center of the square, shown in drawing;
- Cover corner surfaces with a liberal coat of 9235 Waterproofing Membrane Liquid, approximately 8” (200mm) wide (i.e. apply approximately 4” (100mm) of 9235 Waterproofing Membrane Liquid over the wall and floor surfaces bordering the corner);
- Place the uncut half of the square into the 9235 Waterproofing Membrane Liquid spread on the floor;
- Press Tab A firmly into the floor with a brush, allowing the 9235 Waterproofing Membrane Liquid to completely bleed through and saturate the Waterproofing/Anti-Fracture Fabric;
- Apply additional 9235 Waterproofing Membrane Liquid over Tab A and fold Tab B over Tab A;
- Press Tab B firmly with a brush, allowing the 9235 Waterproofing Membrane Liquid to completely bleed through and saturate the Waterproofing/Anti-Fracture Fabric;
- Then apply another liberal coat of 9235 Waterproofing Membrane Liquid over the entire surface of the square just installed;
- Inspect the surface for pinholes and apply additional 9235 Waterproofing Membrane Liquid as needed;
- Once the last coat of 9235 Waterproofing Membrane Liquid has dried to the touch, proceed with the main application of 9235 Waterproofing Membrane - making sure that the 9235 Waterproofing Membrane is flashed 3” (75mm) up the walls at all cove areas.
2019 started with a fair amount of excitement for LATICRETE Middle East!

This issue features two important events: LATICRETE Middle East celebrated the launch of our latest innovative and advanced professional grade product, STELLAR™ Grout in our RAK Factory with our C.E.O. David Rothberg. In addition to the STELLAR™ launch, LATICRETE Middle East also started promoting environmental sustainability and green livable city initiatives in 2019. With over 100 staff members and the senior management team from North America, LATICRETE Middle East oversaw the planting of five new trees on our factory premise in Ras Al Khaimah.

The team also had a great start to the New Year with a Desert Safari and Dinner under the Stars, which saw us renting a fleet of 4x4’s and head out for adventure into the Dubai desert!

From Africa to Saudi Arabia, LATICRETE products are being used to deliver key projects throughout the region. With several projects in the pipeline, LMEA has witnessed a good start to the year and we hope to keep the momentum going throughout the rest of 2019!
Roosters Brewery doubles production capacity as it prepares to open new location featuring LATICRETE® Resinous Flooring Products

The Situation
In 1995, Kym and Pete Buttschardt opened the first Roosters Brewing Company on Historic 25th Street in downtown Ogden, UT. The restored 119 year old building with a unique ambiance and outdoor patio made the 25th Street location a perfect place for meeting friends.

Roosters quickly became “the place to go” and a community gathering spot for Ogden’s diverse and eclectic population. It’s not unusual to see mud-splattered mountain bikers enjoying burgers and brews at one table while more formally dressed couples enjoy herb-crusted rack of lamb and fine wine at another.

Decades of success later, Roosters seeks to expand its brewing operations. This fall, Roosters Brewing Company plans to open a new brewery, Roosters B Street, in the new “Trackline” development located off of 24th and Avenue B in Ogden. In addition to approximately 13,000 sq ft (1208 m²) of brewery, dining, and tap room space, the campus will feature an additional 6,000 sq ft (557 m²) area for retail and manufacturing. Home to various other recreation companies, the new complex is being built-out as a lifestyle-centered industrial park. The site features a mile of spur trail leading to the new brewery, which is perfect for Roosters’ cycling-forward brand appeal.

The Challenge
Breweries are demanding beverage production environments for flooring. The wide temperature range of the water and its resulting thermal shock on the concrete floor when released causes delamination to normal epoxy coating systems, resulting in complete floor failure. Breweries require high up time for their production areas and cannot afford to have a floor out of service.

A LATICRETE Solution
Roosters Brewery owners sought a flooring solution that was long lasting, had excellent chemical and stain resistance, and was designed to withstand harsh thermal shock. They selected Urethane Cement with Guard PA Pure Clinical Plus with traction additive as the solution to their 9,000 sq ft (836 m²) demanding brewery production floor. The success of any resinous flooring project is always predicated upon good concrete surface preparation. Without proper preparation, resinous flooring projects often result in failure due to surface contaminants, laitance and other bond breaking agents. Urethane Cement is no different, requiring a Concrete Surface Profile 4, which is best achieved by shot blasting the existing concrete.

The coatings crew spent two days preparing the new concrete prior to applying the Urethane Cement. They fixed cracks and spills with FAST FIX™, a two part, hybrid urethane crack repair material. They vacuumed and swept up the entire floor once surface prep was complete, keeping it as clean as possible for the Urethane Cement application.

Next, the resinous flooring crew began mixing the four part Urethane Cement material. For this brewery project, each batch consisted of a Part A resin, a Part B hardener, a Part C aggregate, and a Part D red pigment pack. The crew mixed the Part A and Part B together, then added the Part D pigment pack. Finally adding the Part C aggregate, all mixed in a 6 gallon pail (22.7 L). These are heavy batches, each weighing approximately 70 lbs. (37.8 kg). Noting this, the crew used a wheeled transporter to move material to the opposite end of the building for easy transport to start the application process.

The resinous flooring crew started by pouring out the Urethane Cement and spread out the material using a gauge rake set to 3/16 inch (76.2 mm). This elevation yielded an application rate of approximately 42 sq ft (3.9 m²) per kit. After spreading out the urethane cement material, another crew member immediately backrolled the material with a spiked roller, leveling the Urethane Cement out over the floor. The coatings crew repeated the mixing and placing process for approximately 6 hours until all 9,000 sq ft (836 m²) of the brewery was covered with Urethane Cement. This continuous process was imperative to maintain the wet edge of the material to prevent resinous flooring failure. Once resinous flooring crews start the job, they cannot stop. Since Urethane Cement requires an 8 hour cure time, the resinous flooring crew was finished for the day after the floor was covered in wet material.
The next day, the team prepared the top coat for the resinous flooring system. This top coat is Guard PA Pure Clinical Plus pigmented bright red with Grip Traction Additive. The floor owners picked this color because it aligns with Rooster Brewery’s logo and branding. The resinous flooring crew staged the material at one end of the building for mixing and began dispersing pigment to the Part A. They then mixed in the Part B for two minutes with a slow speed drill. Using the same transporter, they began applying the Guard PA Pure Clinical Plus material at the opposite end of the new building, working their way back to the staging and mixing area.

The applicators poured out a ribbon of mixed material and immediately squeegeed it onto the surface. Following the squeegee, four crew members on spikes began rolling the material out in a perpendicular fashion. Lastly, one crew member followed the four other rollers performing his own backroll perpendicular to the other three. Guard PA Pure Clinical Plus resinous material was applied at 200 sq ft (18.58 m²) per gallon. The coatings crew worked in this fashion for approximately 1 hour until the process was complete and the entire 9,000 sq ft (836 m²) of floor space was covered in bright red, resinous material. The Guard PA Pure Clinical Plus top coat provides the brewery with antimicrobial protection and excellent abrasion, stain, and chemical resistance. Curing in 2 hours, this floor allows for fast return to service. When combined with Urethane Cement, this resinous flooring system gives floor owners heavy duty impact protection as well.

“The two small breweries in Ogden and Layton have been at capacity for the last couple of years,” said owner Pete Buttschardt. “In order to keep the shelves stocked and expand, we’ve been working to create a dedicated production facility and move to canning.”

The Outcome

The new Roosters Brewery opened in November 2018.

“This new facility really matches our brand and our vision. We couldn’t be more excited for what this means for Roosters Brewing Company”

- Pete Buttschardt, Owner of Roosters Brewery
LAUNCH OF STELLAR™ GROUT
LATICRETE Middle East launches our new product, STELLAR, within the Middle East & Africa region. STELLAR Grout is a single component, high performance modified joint filling grout. STELLAR offers excellent color uniformity, durability, stain protection, and beautiful grout joints in an easy-to-use, non-sag formula.
Gracing this event, Mr. David Rothberg, C.E.O. of LATICRETE International Inc., along with Mr. Faisal Saleem, Vice President International Division and Ms. Janet Brunwin, Senior Vice President of Finance, LATICRETE International, were present at the LATICRETE factory in Ras Al Khaimah.

LATICRETE MIDDLE EAST - GREEN INITIATIVE
Following the example set by the Environmental Protection and Development Authority of Ras Al Khaimah, LATICRETE Middle East set an example as a first mover, to identify and remove Damas trees from their factory premises.
Along With over 100 staff members and the senior management team from North America, LATICRETE Middle East oversaw the planting of 5 new trees on their factory premises in Ras Al Khaimah.
OPEN HOUSE 2019 & 15 YEAR CELEBRATIONS.

LATICRETE Middle East celebrated 15 years of successful factory operations along with our first open house of 2019!

LATICRETE MEA - YEAR END PARTY IN THE DESERT

Letting our hair loose! The team from LATICRETE Middle East & Africa, venture out into the desert for a safari, dune bashing, sand boarding, camel riding and dinner under the stars.

It was a great start to the new year and a chance for the team to bond and get to know each other.
STELLAR™ Grout is an advanced professional-grade, premixed grout that delivers superior colour uniformity combined with excellent stain resistance in one easy step.

**FEATURES/BENEFITS:**
- Single component
- UV stable and flexible
- Non-sag formula for floors and walls
- Very easy to install and clean
- Chemical/stain and temperature resistant
- No-odor during application
- Highly durable