



Freeport, the Bahamas

THE CARNIVAL ELATION CRUISE SHIP

MAPEI PRODUCTS CONTRIBUTED TO REFURBISH THE RESTAURANT OF THIS LUXURIOUS CRUISE SHIP



Webster's dictionary defines "elation" as "a feeling or state of great joy or pride." Without doubt, that word is an apt description for the travelers on Carnival Cruise Line's cruise ship, Carnival Elation. Sailing primarily from Jacksonville, Florida, and measuring 261 m long, the 2,130-passenger Elation sails multi-night cruises to the Bahamas and Eastern Caribbean islands. One of the line's most popular cruise ships, Carnival Elation is a floating city. The thousands of partying, dancing and sun-bathing tourists take a toll on her decks. Additionally, spilled drinks and food, as well as constant exposure to salt water and sea air, create a corrosive environment that cannot go unaddressed for long periods of time. So, every three to five years, the Elation undergoes complete refurbishment.

At the end of August 2017, Carnival Elation sailed into dry dock at Grand Bahama Shipyard in Freeport, Bahamas, for her scheduled complete refurbishment.

A JOBSITE DIFFERENT FROM ONE ON LAND

Precetti Inc. was the general contractor awarded the job of refitting the mid-ship pool area of Deck 10 and Nova Marine Service LLC won the bid to completely refurbish Tiffany's Lido



LEFT ULTRAPLAN 1 PLUS cementitious underlayment brought the uneven restaurant floor back to level.

ABOVE. Diners now enter and walk across a level floor of ceramic tiles, installed on top of PLANIBOND EBA, bonded with GRANIRAPID and grouted with warm gray ULTRACOLOR PLUS.

MAPEI PRODUCTS ON THE JOBSITE

When working on the shipboard pool and surrounding bars and restaurants, contractors applied a thin layer of the anti-corrosive primer MAPECOAT GUARD 100 to the prepared surface. Then, to level and protect, the crew used the brand-new, Marine-certified, self-leveling polyurethane underlayment MAPEDECK LITESCREEED mixed with MARINE FILLER 20. The Marine-certified, thixotropic polyurethane underlayment MAPEDECK LITESCREEED TIXO was used to level the uneven vertical steel in the pool beach and coamings.

KERAPOXY as an adhesive and KERAPOXY CQ as a grout were used to install the ceramic tiles in addition to the pool mosaics.

As for the Tiffany's Lido Restaurant as well as the SPA Carnival lobby and the corridors in the forward area of Deck 12, the steel deck had been worn down by high levels of foot traffic to a point of noticeable unevenness. ULTRAPLAN 1 PLUS cementitious underlayment, which is manufactured and distributed in the Americas by Mapei Corp, was used to-level the steel substrate. This was topped with PLANIBOND EBA epoxy bonding agent, which is also manufactured and distributed in the Americas by Mapei Corp. After a broadcast of quartz sand, ceramic tiles were bonded with GRANIRAPID and joints were grouted with ULTRACOLOR PLUS in its warm gray color. The Mapei products used in the project provided rapid setting time and curing speed as well as vital durability.

This article was taken from Realtà Mapei Americas n. 28, the magazine published by Mapei Corp. whom we would like to thank.

Restaurant on Deck 10 aft, as well as the SPA Carnival lobby and the corridors on Deck 12 forward.

As Elation was entering the Bahamas dry dock for rehabilitation, a storm was forming off of Cape Verde in the central Atlantic Ocean. By August 31, that storm developed into a Category 3 hurricane named Irma. The Bahamas were right in Irma's path. As a safety measure, the islands were evacuated and work on the Elation came to a halt. By the time that work resumed on the cruise ship, the race was on to complete the rehab and return it to service.

TECHNICAL DATA

Carnival Elation, Dry-docked at Freeport, The Bahamas

Year of construction: 1998

Period of refurbishment: August-October 2017

Period of Mapei involvement: August-October 2017

Intervention by Mapei: supplying products to refurbish the-ship pool area

of Deck 10, Tiffany's Lido Restaurant on Deck 10 aft, SPA Carnival lobby, corridors on Deck 12 forward

Contractors: Precetti Inc. and Nova Marine

Mapei coordinator: Guido Sardi, Mapei Corp. (USA)

MAPEI PRODUCTS

Preparation of substrates: Planibond EBA*,

Mapecoat Guard 100, Ultraplan 1 Plus*, Mapedeck Litescreed, Marine Filler 20, Mapedeck Litescreed Tixo

Installation of ceramic tiles: Granirapid, Kerapoxy

Grouting joints: Ultracolor Plus, Kerapoxy CQ

*These products are manufactured and distributed in the Americas by Mapei Corp.