



# Success on

**In Canada, the B.C. PacifiCat Ferries have received their baptism by sea, among the thousand islets scattered along the coasts of British Columbia. The installation of the floor coverings on the boats was realized with Mapei products.**

*"A success of monumental dimensions":* when he was asked to speak about the installation of the floorings of the B.C. PacifiCat Ferries (a naval company of British Columbia), the head of the installation firm Jim McAdie did not hesitate to respond like this. In these boats the installation of the floor coverings was completed using the most suitable product: the ULTRABOND G19\* of Mapei. *"Thanks to this adhesive we did not loose even one square centimetre of the installation – emphasized McAdie – on a total surface area of 2,220 square metres".* McAdie represents the second generation of the principals of Raeco (Western) Limited, a company that provides and installs specific products for naval coverings.

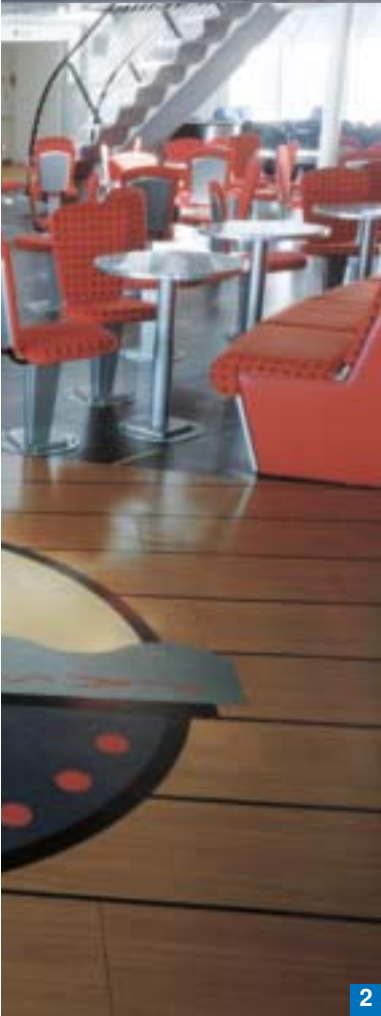
### Custom-made solutions

The installation of the floorings of the ferries of the Canadian company proved to be quite challenging due to the special aerodynamics connected with the naval design.

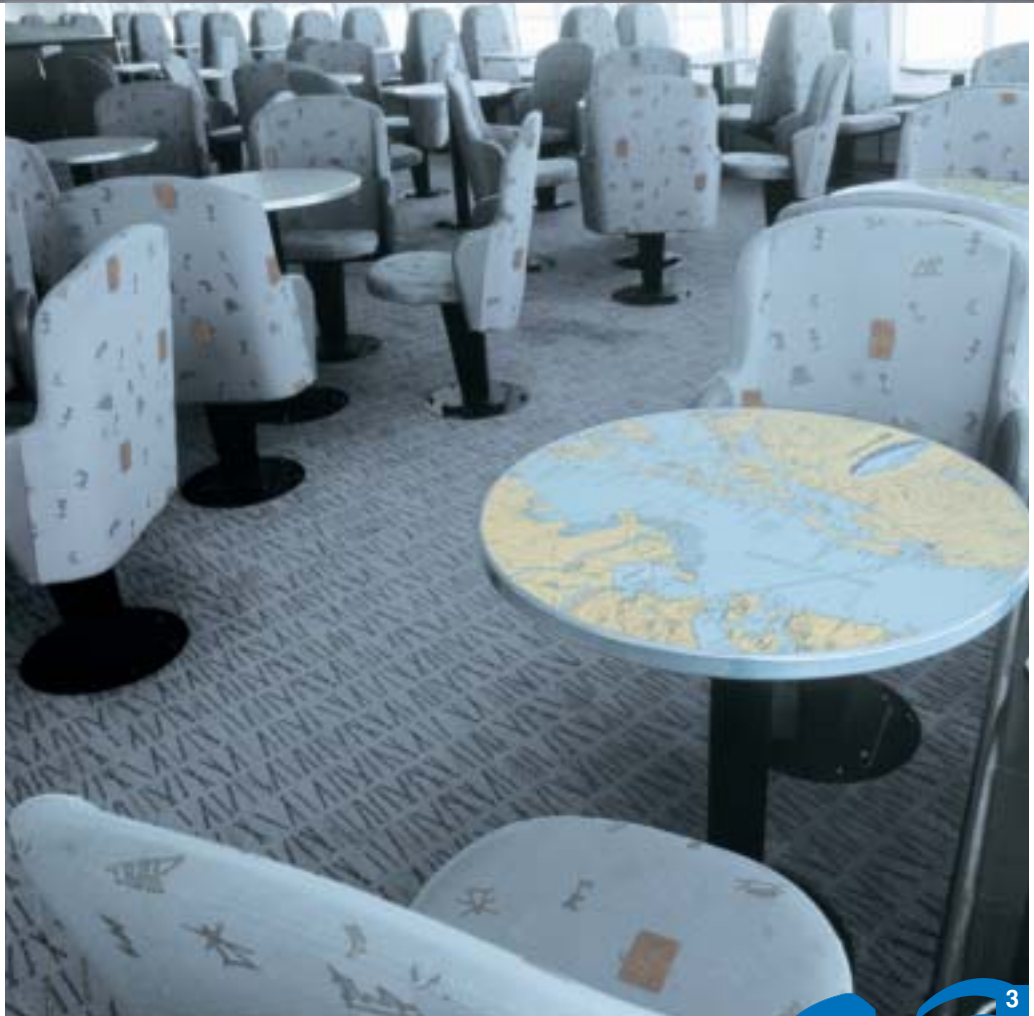
As a substrate there were installed aluminium panels with a series of tongue and groove joints. Due to the planimetry of the ship, in the design there remained inclinations and holes along the panel that runs all around the ship.

McAdie and his team found a solution to these problems that otherwise would have compromised the final installation, entailing problems of adhesion. *"We knew that we couldn't use a normal deck mastic – recalled McAdie – because it is difficult to make something adhere to an aluminium panel.*

*We needed a layer of connection that ensured the flexibility necessary in this type of installation and at the same time the adherence to the panels. ULTRABOND G19\*, a universal two-component polyurethane adhesive, was used with success both as a levelling compound and as an adhesive.*



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# the new waves

*Photo 1*  
The elegance of one of the B.C. PacifiCat Ferries. The floor coverings of the passenger lounges were realized with the installation of carpeting and vinyl.

*Photo 2*  
In the foreground, the Amtico vinyl flooring (imitation hardwood) in the refreshment area.

*Photo 3*  
The floor covering in carpeting.

Applied on various layers, ULTRABOND G19\* served as a layer of connection above the aluminium, as a levelling layer (to fill in the cracks) and as an adhesive for the various floor coverings."

### The materials used

The installation concerned floor coverings in carpeting for heavy foot traffic and Amtico vinyl (imitation hardwood) in the passenger lounges, light Colorflake in the toilets, Altro 35 vinyl in the food preparation zones, Pirelli rubber floorings in the spaces destined for the crew, Wooster anti-slip coverings and Bolar gratings on the landings of the stairs. The auto decks in aluminium were also covered so as to ensure an anti-slip surface. Even with a rough sea, the sailing couldn't be smoother.



\*The product cited in this article is realized and distributed on the American market by Mapei Corp. (USA) and Mapei Inc. (CDN). For more information consult the web site [www.mapei.com](http://www.mapei.com).



### TECHNICAL DATA

**B.C. PacifiCat Ferries**, British Columbia, Canada

**Project:** installation of the floor coverings

**Year of project:** 2001

**Construction company/retailer:** Raeco (Western) Limited

**Materials installed:** aluminium panels, carpeting for heavy foot traffic, Amtico vinyl, Colorflake, Altro 35 vinyl, Pirelli rubber, Wooster anti-slip covering and Bolar gratings

**Mapei Products:** ULTRABOND G19 (this product is similar to ADESILEX G19 distributed on the European market, a polyurethane adhesive for floorings in rubber and PVC)

**Mapei coordinators:** Roger Collins and Luigi Federico