

CASE Study: Application Profile

Project: Wooden Boat Hull Coating / Protection Boats, Ortner, Villach, Austria

Owner: Mr. Gaston Glock, founder of Glock GmbH

Polyurea Applicator: Hercules GmbH, Villach, Austria
Project Assistance / Application by Primeaux Associates LLC

Polyurea System Applied: Hertec TO 350, Slow-set Aromatic Polyurea System, Hercules GmbH, Austria

Substrate / Area: Wood, Polyester resin primer, approximately 70 ft² (6.5 m²)

While in for repair work at the Boote, Ortner shop in Villach, Austria, Mr. Gaston Glock's wooden boat needed a new look.

While Mr. Mandi Ortner was familiar with the polyurea technology, it had not been used to date for any work there. Following some discussions, it was decided that the Hertec TO 350 polyurea system would be used to provide a protective, waterproof coating system on the exterior boat hull. This boat

would be used primarily on Ossiacher See, a nice clear water lake outside Villach, Austria. The Hertec TO 350 was chosen for its excellent durability and adhesion characteristics.

Following sanding preparation of the overlap wood hull, a polyester resin primer / filler was used to repair the surface. Following masking to provide a nice termination point for the Hertec TO 350 Gray Polyurea system, a minimum average 50 mils (1.3 mm) was applied.

A light stipple finish was then used as a final top layer. The Hertec TO 350 polyurea system was applied using a Gama™ Evolution G-250H proportioning unit fitted with a PENTECH MG spray gun. The gun was configured to provide a 0.5 gal/min (1.9 l/min) controlled output and spray pattern at 2000 psi (138 bar) spray processing pressure.

The spray work for the boat hull was completed in less than 1 hour and ready for use.



Event Calendar Polyurea 2010

PDA Europe Conference 2010
15th – 17th November 2010
Sitges / Barcelona, Spain
Organizer: Polyurea Development Association, Europe, AISBL
142 Avenue Jules Bordet,
1140 Brussels, Belgium
Phone: +32-2-761-1611
Fax: +32-2-761-1699
pda-europe@kelleneurope.com

denkmal 2010
European trade fair for Conservation, Restoration and Old Building Renovation
18th – 20th November 2010
Messe Leipzig, Germany
Organizer: Leipziger Messe GmbH,
Messe-Allee 1, 04356 Leipzig,
Germany
Phone: +49-(0)341-678-0
Fax: +49-(0)341-678-8762
e-mail: info@denkmal-leipzig.de
www.leipziger-messe.de

Spray Course 22.11. – 24.11.2010

Congress Center Villach, Austria
Organizer: Primeaux Associates LLC, USA + Hercules GmbH, Villach, Austria | Registration under hercules.gmbh@aon.at
Section 1 : Fundamentals of Polyurea – The course is designed as a prerequisite lead-in to our in-depth Level 2: Spray Applicator Training.
(1 Day) Section 1 = 200 Euro
Section 2: Basic Spray Applicator Training – General introduction of polyurea technologies. For those entering polyurea spray business or new employees. As such, applicants must have completed the Section 1.
Section 2 = 950 Euro
The course will be held in English, with German translation.

Further event dates are available in our event calendar on page 30 or visit www.fapu.de