

CertainTeed
GlasRoc[®] BRAND
 High Performance Exterior Sheathing

CASE STUDY: HARRAH'S CHESTER CASINO AND RACETRACK



1



2

GlasRoc[®] Sheathing combines reinforcing glass mats, fully embedded into a water-resistant gypsum core positioned beneath a paperless polymer-modified gypsum surface and a protective acrylic coating on the exterior face.



3



4

GlasRoc[®] Sheathing is covered by U. S. Patent No. 6,524,679, and other patents and patents pending.

Project:	Casino/Harness Racing Complex
Location:	Chester, Pennsylvania
Application:	Direct to metal studs
Square Footage:	380,000 sq. ft.
Architect:	Sosh Architects, Atlantic City, NJ
General Contractor:	T.N. Ward Building Construction, Chester, PA
Installation Contractor:	Philadelphia D & M, Inc., Philadelphia, PA
Distributor:	George F. Kempf Supply Co.

With temperatures fluctuating above and below freezing during construction of this three-story, 380,000 square-foot gaming and harness racing complex, Philadelphia D&M Project Manager Dennis Cook selected 5/8" GlasRoc[®] Type X high performance sheathing from CertainTeed (formerly BPB) to protect the shell of the new building from the often-brutal Pennsylvania winter. High performance GlasRoc[®] Sheathing provides a long-term barrier to potential penetrations by rain, snow and ice and offers superior freeze/thaw resistance and enhanced surface liquid water resistance that does not inhibit water vapor permeance.

- 1** GlasRoc[®] 5/8" Sheathing Type X gives architects like Sosh the ability to design versatile exterior wall systems that are in full compliance with all applicable fire codes. The noncombustible 5/8" GlasRoc[®] Sheathing Type X has been fire tested in accordance with ASTM E 136, and fire resistant in accordance with ASTM E 119 (ANSI/UL263, CAN/ULC-S101M).
- 2** On the casino building, GlasRoc[®] high performance sheathing was also used to cover exterior soffits. According to Tucker Lowmes, representative for George F Kempf Supply Co., "The GlasRoc[®] Sheathing is easier to cut and work with, and the installers prefer the smooth acrylic coating. This is real important on a job where 70% of the cost is labor."
- 3** GlasRoc[®] high performance sheathing features Enhanced Glass Reinforced Gypsum Technology, developed and patented two decades ago. An additional patent was awarded in February 2003. GlasRoc[®] Sheathing offers mold resistance and up to six-months protection against weather exposure.
- 4** John Kwapinski, Project Superintendent for Philadelphia D & M, the sub-contractor that installed the GlasRoc[®] Sheathing estimated that nearly 12,000 sheets were used on this project. The fully embedded glass mats make the sheets easy to work with. No special tools or fasteners are needed and the panels can be scored and snapped apart using a simple utility knife.

™© CertainTeed and the tag line "Quality made certain. Satisfaction guaranteed." are trademarks of CertainTeed Corporation. All other trademarks are the property of its affiliates and related companies.

©01/07 CertainTeed Corporation, Printed in U.S.A. Form CTG-2207/10M/0307



CertainTeed Corporation
 P.O. Box 860
 Valley Forge, PA 19482

Professional: 800-233-8990
 Consumer: 800-782-8777
 www.certainteed.com

CertainTeed 
 Quality made certain. Satisfaction guaranteed.™