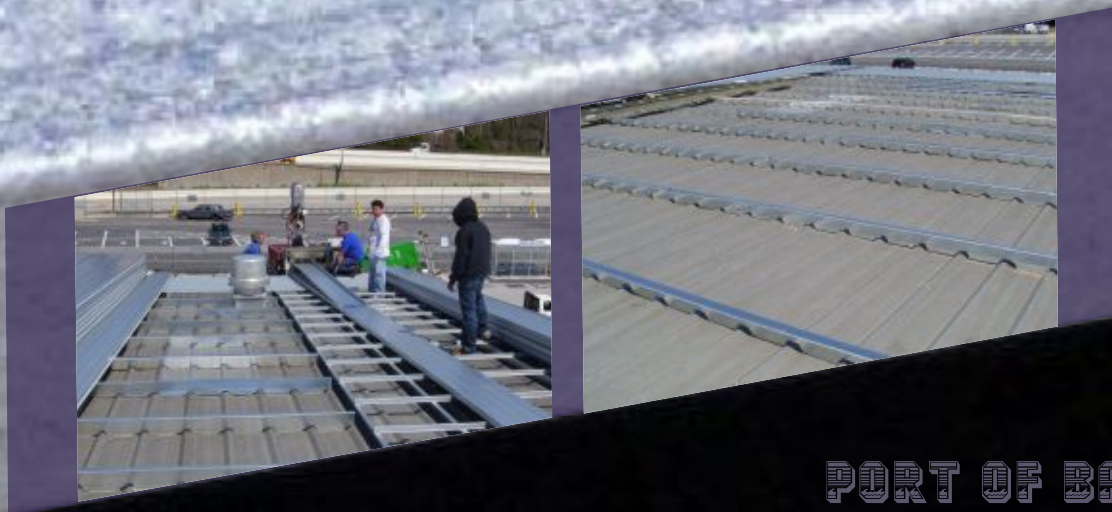


# ROOF ON PORT OF BALTIMORE CRUISE TERMINAL IS RETROFITTED WITH MET



## PORT OF BALTIMORE CRUISE TERMINAL

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The Maryland Port Authority in 2011 completed a metal-over-metal retrofit of their Port Of Baltimore Cruise Terminal facility. The 65,000 square foot building, located at the Port of Baltimore in Baltimore, Maryland, accommodates passengers embarking on vacations booked with Royal Caribbean, Celebrity and Carnival Cruise Lines to exotic ports of call.

Metal-Fab Manufacturing (Met-Fab) of Jessup, Maryland supplied the entire engineered retrofit framing and roofing package to be installed by Xpert Xteriors of Huntingtown, Maryland. Jamie Fick, Sales Manager for Met-Fab, explained that there was only one way to retrofit the existing metal building and that was to use factory-notched sub-purlins supplied by Roof Hugger, Inc. of Tampa, Florida. Fick added that the benefits of using the Roof Huggers included the

ease and speediness of installation, along with the fact that the Huggers actually increase the load carrying capacity of the existing building's roof purlins - thus compensating for the added weight of the retrofit system package.

Atop the Roof Huggers, Met-Fab's jobsite roll-formed 22 gauge Met-Fab III double-lock standing seam panels with a bare

Galvalume finish were installed. The heavier panel gauge was selected due to the increased wind speed rating required for the facility's exposure to the Maryland coastline. The Met-Fab III roof system is a 16" wide structural architectural profile panel system with a 2" tall mechanically locked vertical rib. The longest panels roll-formed at the jobsite were 120'-0".

To increase the thermal resistance of the new roof assembly, fiberglass insulation was installed between the old 12" on center ribbed panel roof and the new roof. Due to the higher wind

speeds that the building is subjected to, Roof Hugger designed a special hat-over-zee framing system for the corners and edges of the roof. This permitted the Met-Fab III panel clips that were spaced at 5'-0" on center.

The entire installation went smoothly for the Maryland Port Authority because of choosing the right components for the job up front and carefully staging the installation - those components primarily being the Roof Hugger sub-framing and the jobsite roll formed Met-Fab III standing seam roofing.

**For more information about Met-Fab, visit [www.met-fab.com](http://www.met-fab.com) or for Roof Hugger, visit [www.roofhugger.com](http://www.roofhugger.com).**

**For more information on metal-over-metal retrofit re-roofing, contact Roof Hugger at 800-771-1711 or visit [www.roofhugger.com/index.asp?ctid=908](http://www.roofhugger.com/index.asp?ctid=908).**

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