

Pyeongchang Winter Olympic Ice-Hockey Stadium

Kwandong, Korea

For the 2018 Pyeongchang Winter Olympics, lean duplex stainless steel was applied to the exterior of the Kwandong Hockey Centre.

The stadium is located 7 km away from the coast and it was required that the steel have at least 316L-grade corrosion resistance. Because of budget overrun concerns, POSCO recommended its Lean Duplex 329LD Steel. Its corrosion resistance is above that of the required 316L steel and because of its high strength, thinner applications of the steel could be used in the final design. In addition, vibration surface treatment was applied in order to add texture to the surface of the exterior, giving the building a more modern touch.



Environment:	marine urban
Grade:	STS 329LD (duplex)
Surface Finish:	vibration
Date of completion:	2017
Manufacturer:	posco.com
More information:	posco.com