

Building and Construction  
**SPORTS COMPLEX ROOF AND WALLS**



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Grade STS 445 has been used in the construction of the roof and walls of the new KAIST Sport Complex building in Daejeon, Korea. The use of stainless steel gives the building a feeling of grandeur.



Location | DAEJUN, KOREA

Environment | OUTDOOR

Product | COLD ROLLED STAINLESS STEEL SHEET

Fabrication process | FORMING (BENDING)

Grade/surface | STS445/BA SHEET (BEAD-BLASTING TREATMENT)

Material thickness/diameter | ROOF 0.3 MM, WALLS 1.2 MM

Weight | 70 TONNES

Competing material | CARBON STEEL, COATED STEEL

Date of Completion | FEBRUARY 2010

Manufacturer | KYERYONG CONSTRUCTION IND. CO. LTD

Material Supplier | POSCO

Source of Information | POSCO

Remarks | MATERIAL SELECTION WAS GUIDED BY POSCO