



November 2020

# Building & Construction Case Study



The S1 satellite terminal reconstruction and expansion project at Kunming Changshui International Airport is located between the two runways, in Southwestern China's Kunming city, a regional business hub and gateway to ASEAN countries. The terminal with a total floor area of approximately 129,300 sqm, is designed to serve as an airside satellite hall for domestic passengers, with the handling capacity exceeding 15 million passengers per year.

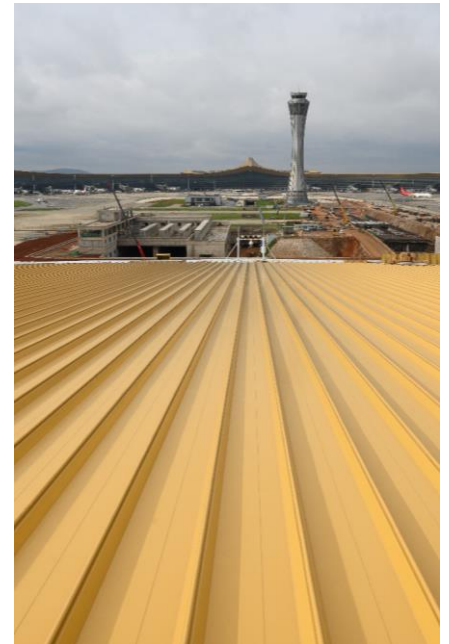
DuPont Tedlar® PVF coating was applied on the roofing of the S1 satellite terminal, which has a floor area of 70,000 sqm, and adopted Shanghai Simon's PVF-coated galvanized steel solution (with the process of roll coating). PVF coating contains 100% PVF resin and no acrylic, providing better weatherability, extraordinary corrosion and UV resistance and excellent post-processing capability, which is an ideal fit to the subtropical humid climate and abundant sunshine, which prevails in Kunming. Considering its exceptional product performance advantages and customers' trust, the designer and the owner of this project decided to be the first end-user of their kind to use PVF-coated steel sheets in China. The color of this terminal is gold, echoing that of terminal T1.

**Area of Application:** Building & Construction

**Year of Construction:** 2020

**Location:** Kunming, China

**Surface area:** approx. 70,000 sqm



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