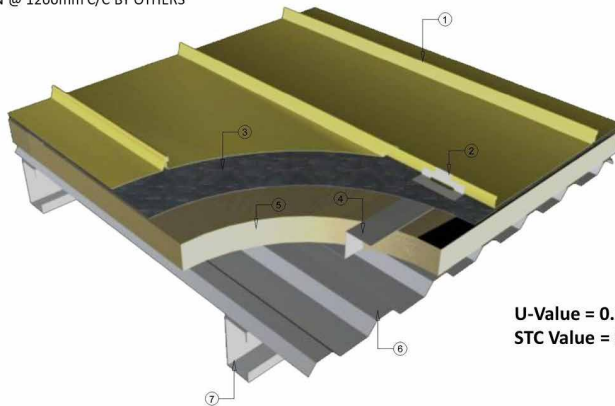


# SWISSMA DOPPELWELT® STANDING SEAM ROOF SYSTEM

**LEGEND:**

- ① 0.48mm BST (0.53mm TCT) SWISSMA DOPPELWELT® STANDING SEAM ROOF IN COLORBOND® STEEL
- ② STAINLESS STEEL CLIPS
- ③ 5mm THICK SWISSMA SM-NDI FOAM
- ④ 1mm THICK ZED SPACER IN ZINCALUME® STEEL @ 600mm C/C
- ⑤ 50mm x 175kg/m<sup>3</sup> HARDROCK
- ⑥ 0.42mm BST (0.47mm TCT) SWISSMA SANKO SPEED DECK® UNDERLINER IN ZINCALUME STEEL®
- ⑦ PURLIN @ 1200mm C/C BY OTHERS



U-Value = 0.56 W/m<sup>2</sup>K  
STC Value = 37

\*NB: Can be customised to meet U-Value = 0.40 W/m<sup>2</sup>K

**WHY IS IT GREEN?**

- Customised energy efficient roof system (light weight group) – Reduces energy costs compared to conventional roofing material.
- Incorporated with acoustic treatment solution – Better internal noise control.
- A component of CIDB (QLASSIC) / IBS System – Easy and quick to install.
- Using high solar reflectance index (SRI) roofing sheet incorporated with IR pigments technology and low thermal mass property – Reduces UHI intensity.
- Material can be reused and recycled during and after construction.
- Consists of recycled content material – Reduced GHG impact.
- Lightweight roof system – Reduced structural material cost and usage.
- Roof system can be fitted out to provide integrated solar system and rainwater harvesting solution – Encourages renewable energy / rainwater harvesting.

**PRODUCT FEATURES**

- Provides a custom-made solution to achieve specific design requirements.
- Achieves good acoustic values (e.g. STC 37, STC 45, STC 50, STC 60).
- Low roof U-values (e.g. 0.4W/m<sup>2</sup>K or lower) to meet MS 1525 and MS 2680 Standards.
- Adaptable or flexible to all roof shapes with tapered and curved features i.e. sleek, elegant and stylish design.
- Concealed sliding fixing system to allow for thermal expansion/contraction.
- Completely leak-proof roof system.
- Complemented by a full range of custom-made accessories, which comply with International Standards to satisfy the most intricate of details.
- Up to 30 years material warranty with COLORBOND® steel series range of products.
- Highly resistant to tropical weather and ensures matte finish of the roof.
- Developed and manufactured in Malaysia for tropical climates.

**APPLICABLE GBI CREDITS**

<b>NRNC</b>	EE1, SM12, MR2, MR3, EQ13
<b>RNC</b>	EE1, EE2, SM13, MR2, MR3, EQ13
<b>INC</b>	EE1, SM14, MR2, MR3, EQ13
<b>NREB</b>	EE1, SM6, MR2, MR3, EQ13
<b>IEB</b>	EE1, SM6, MR2, MR3, EQ13

**COMPANY DETAILS**
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