

Structure Materials Being Used for the Holy Comforter Solar Project

The structure is specified as galvanized. That means the heavier columns and beams are fabricated and then hot dip galvanized to a ASTM Specification A123 which essentially provides it will be maintenance free for 40 years or longer. Galvanize as you may know offers anodic protection which means the zinc will protect the base iron / steel even if there is a scratch or bruise that exposes the base metal.

The roof system (i.e. the purlins, blocking and end caps) are also galvanized although it is a different standard that applies to thinner cold formed materials. Overall, galvanize is most durable, fastest and most economical way to protect steel and as it ages, the finish becomes more homogenous in appearance.

Also the structural bolts are galvanized as well.

Let me know if you need more information.

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