

Re-Stor Solar Mount

Solar Mounting Systems made of Plastic Waste

Re-Stor Solar Mount Team

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American-Made Challenges: Solar Prize

TECHNOLOGY

Superior and Secure PV Mounting System made from Plastic Waste



Secure

Mechanical Locking System for PV Module theft protection



Affordable

Local Materials + Manufacturing for Economic Development



Robust

Designed for High Wind Environments



Environmentally Responsible

Made from Recycled Plastic Waste

Re-Stor Mounting Block for Corrugated Metal Roofing



concept sample

An estimated **75K metal roofs** were installed on US home in 2015. The North American **Metal Roofing Market** was **\$3.3B USD** in 2017. Estimated to reach **\$4B USD** by **2020**.

More than **400 solar panels** were stolen in Napa Valley, CA in 2009. Solar panels installed in **remote locations** account for $\frac{1}{3}$ of solar panel theft.

4900M tons of plastic waste was **discarded** from 1950 to 2015. **Plastic pollution** will **double** by 2030.



NETWORK PARTNERS

