Negative Equalizer Vent System

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NEGATIVE EQUALIZER VENT SYSTEM

THE NEED
Building roofing systems are required to withstand great forces generated by wind. Economical and reliable means to reduce these forces will allow for more design flexibility and cost savings.

THE TECHNOLOGY
The negative pressure equalizer vent system uses a unique system of vents incorporated into the roofing system that equalize the pressures on the inside and outside of the building. This eliminates the differential and the suction effect of the wind.

THE BENEFITS
In many cases the old roof need not be removed, the new system can be installed over it. The use of fasteners is diminished or eliminated entirely with this system. The simple and quick installation process minimizes exposure to the weather during the reroofing process.

STATUS
This technology has started to be applied on an industry-level basis.

BARRIERS
The technology appears to be regional, may be a lack of companies familiar with and able to install the system.

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REFERENCES

REVIEWS
Peer reviewed as an emerging construction technology

DISCLAIMER
Purdue University does not endorse this technology or represents that the information presented can be relied upon without further investigation.

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