



**Engineering progress
Enhancing lives**

Meeting impact codes has never been easier

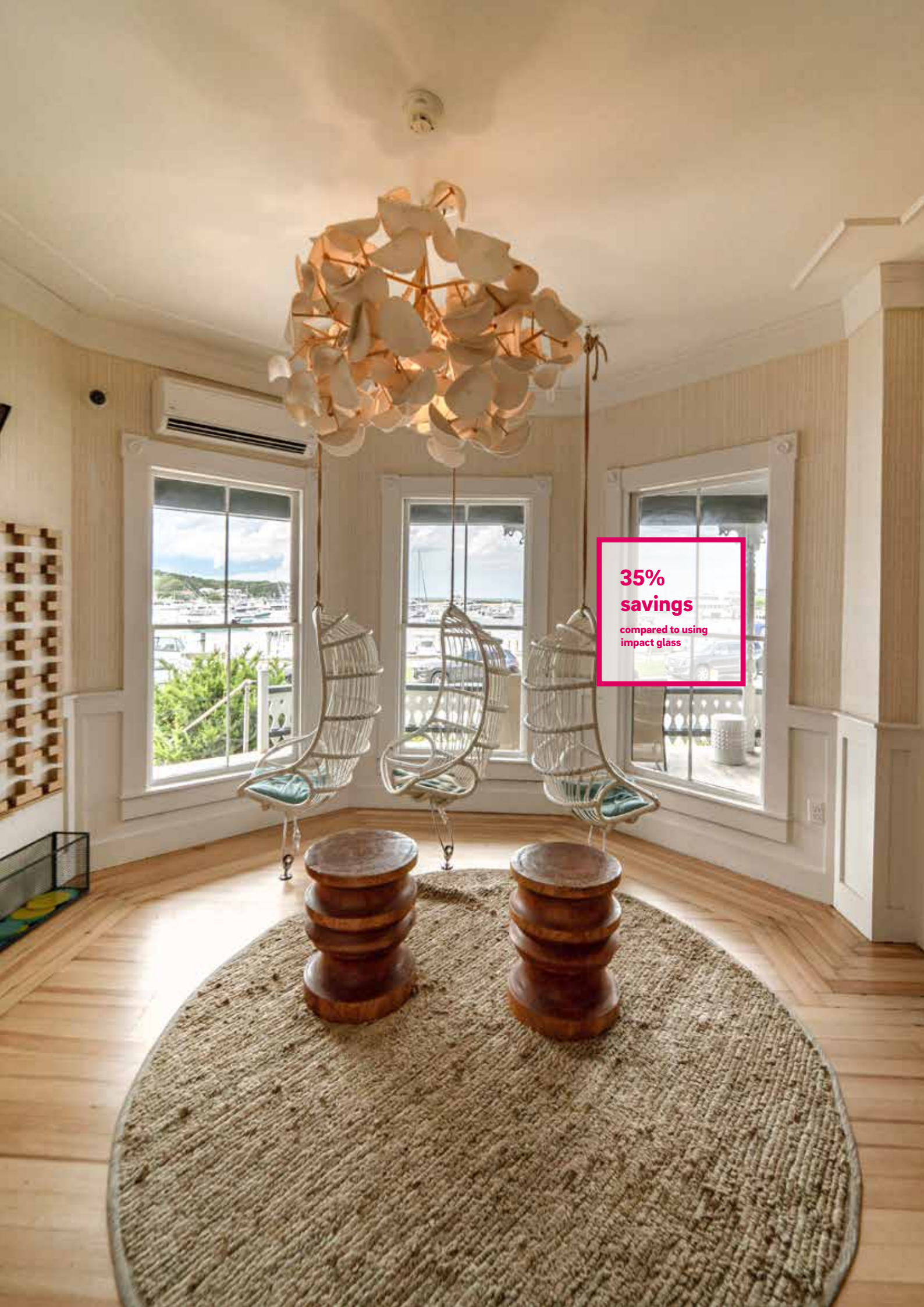
REHAU System 190 hung-slider with
RAUSHIELD storm protection
na.rehau.com/raushield





**Classic window design
reengineered to provide superior
protection to homes in hurricane-
prone environments**





**35%
savings**

compared to using
impact glass

Stand up to Mother Nature

With RAUSHIELD

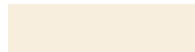
The simplicity of a side-load with high performance for routine days and the most extreme tropical weather days: System 190 with RAUSHIELD™ storm protection system is an economical new construction and replacement solution specially designed with the strength, durability and resiliency to withstand hurricane-force winds and flying debris.

This patented innovation integrated into the frame of our established System 190 hung-slider allows builders to offer a superior alternative to unsightly brackets or visible anchors that does not disrupt the building façade. With RAUSHIELD, no additional locks are needed when a storm is approaching or evacuation time is imminent.

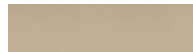
Core profile colors



White



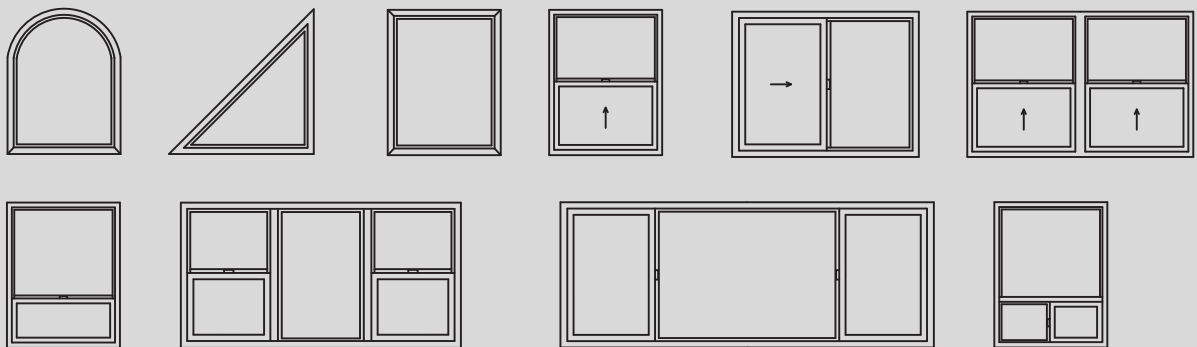
Beige



Clay



Window configurations





Robust design



Performance Summary

Impact: DP50

Structural: up to LC-PG50

Acoustical: up to STC 32; OITC 27

Thermal: down to 0.24*

* based on simulation

Up to 3/4 in (19 mm) glazing capability provides excellent acoustical and energy performance properties to meet current standards

Interlocking sashes with weather seals guard against air and water infiltration

Pocket sill with frame accessory grooves provides structural integrity. Same frame for hung and slider reduces SKUs

Unique frame design with patented integral anchor points allows for quick, easy installation of storm protection fabric that meets Zone 3 wind load requirements

Main profiles engineered with multiple chambers increase strength and energy performance while allowing efficient water drainage

Integral nailfin provides option for use in new-construction and replacement applications

Versatile frame design accepts a variety of screen styles including FlexScreen

Proven performance

Established profile system

During more than 15 years on the market, System 190 has distinguished itself as a high-performance, cost-competitive window design. The enhanced 3 1/4 in (83 mm) frame with RAUSHIELD is tested to meet or exceed strict building codes in harsh coastal regions.

Side-load simplicity

Impact glass is heavy, costly and requires curing that extends fabrication lead times by at least two weeks. The innovative RAUSHIELD storm fabric fastening system reduces the cost of supplying impact-compliant windows by at least 35% compared to using impact glass. Builders can use typical window installers and avoid the hassles of hiring hard-to-find anchor contractors.



Hurricane impact resistant



Water resistant



Lighter panels, easier to install



Reduces fabrication lead time

For more information, visit
na.rehau.com/raushield

United States
Phone (800) 247-9445

For updates to this publication, visit na.rehau.com/resourcecenter

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