

Resilience

- Definition

“capacity to adapt to changing conditions and to maintain or regain functionality and vitality in the face of stress or disturbance”

“capacity to bounce back after a disturbance or interruption”



Resilience



Resilience is both response and action

Resilient design – intentional design of buildings respond to natural and manmade disasters

Is resilience a loophole to avoid sustainability?

- Any so-called “green” products and buildings that don’t stand the test of time are not truly sustainable

Why is there a sudden interest in Resilience?

- Major disasters like Typhoon Haiyan, Hurricanes Katrina and Sandy, and earthquakes in Japan, Pakistan and Haiti are a wake up for resilient designs
 - important to keep long-term picture in mind when designing
 - preparing buildings to withstand possible disasters as well as more mundane long-term wear and tear
- More recent hurricanes that have hit east coast USA reaffirm the need for resilient building design



Resilience—An Emerging Trend

Discussion:
Tile industry relevance, concerns and
opportunities