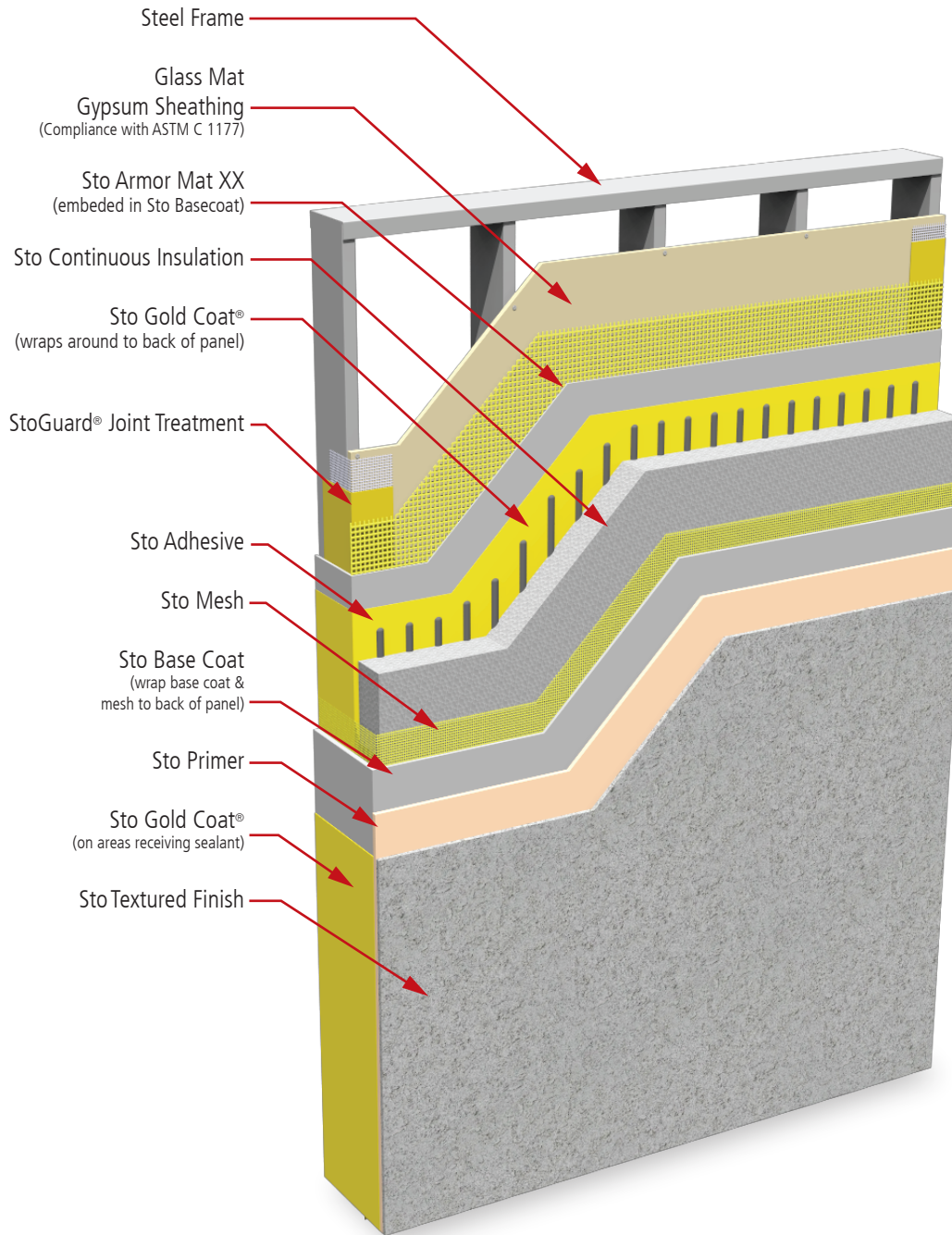


# sto panel Impact ci

U.S. Patent No.8,919,062 B1



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## Notes:

**1. Description:** lightweight, hurricane impact resistant, energy efficient pre-fabricated exterior wall panel with continuous insulation, continuous air barrier, and integral decorative and protective finish.

**2. Building Code Compliance:** meets requirements of NFPA 285 and NFPA 268 for use on noncombustible construction (Types I-IV). Refer to ICC ESR 1748.

### IBC 2009, 2012 and 2015

Chapter 7: Fire Resistance Rated Construction

Chapter 14: Exterior Insulation and Finish Systems, Weather Resistance

Chapter 16: Structural - Transverse Wind Load Resistance

Chapter 17: Special Inspections, Types I-IV

(noncombustible) Construction

Chapter 26: Types I-IV (noncombustible) Construction, Ignition Resistance, Surface Burning Characteristics

### IECC 2009, 2012 and 2015

Chapter 4: Continuous Insulation (ci) over Metal Frame Walls - All Climate Zones (with sufficient ci thickness)

Chapter 4: Continuous Air Barrier

### IGCC 2012

Chapter 6: Energy Conservation, Efficiency and Atmospheric Quality (Section 606: Building Thermal Envelope insulation and Air Sealing)

Alternative Compliance Path: ASHRAE 189.1-2009

### 3. Energy Standards Compliance

ASHRAE 90.1 - 2007, 2010 and 2013

Section 5: Building Envelope Continuous Insulation (ci) over Metal Frame Walls - All Climate Zones (with sufficient ci thickness)

Section 5: Continuous Air Barrier

### 4. Green Building Standards Compliance

ASHRAE 189.1 - 2009

Normative Appendix A: Building Envelope Continuous Insulation (ci) over Metal Frame Walls - All Climate Zones (with sufficient ci thickness)

Normative Appendix B: Continuous Air Barrier

### 5. LEED Eligibility

Eligible contribution towards credits in the following NC (New Construction) categories:

Energy and Atmosphere (EA)

Materials and Resources (MR)

Innovation in Design (ID)

### 6. Hurricane Impact Resistance

Capable of meeting Florida High Velocity Hurricane Zone (HVHZ) large and small missile impact resistance per Florida Building Code protocols TAS-201, TAS 202, and TAS 203. (Refer to StoPanel Hurricane Impact Resistant Systems addendum for current approved assemblies and NOA numbers)

**sto panel**™

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PROJECT:

ARCHITECTS:

CONSTRUCTION MGR.:

TITLE:

SCALE:

DATE:

REVISION:

PROJ.Nº:

DWG Nº: