

sto panel Classic NExT ci (Patent Pending)

Notes

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

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 and 2012

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 and 2012

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

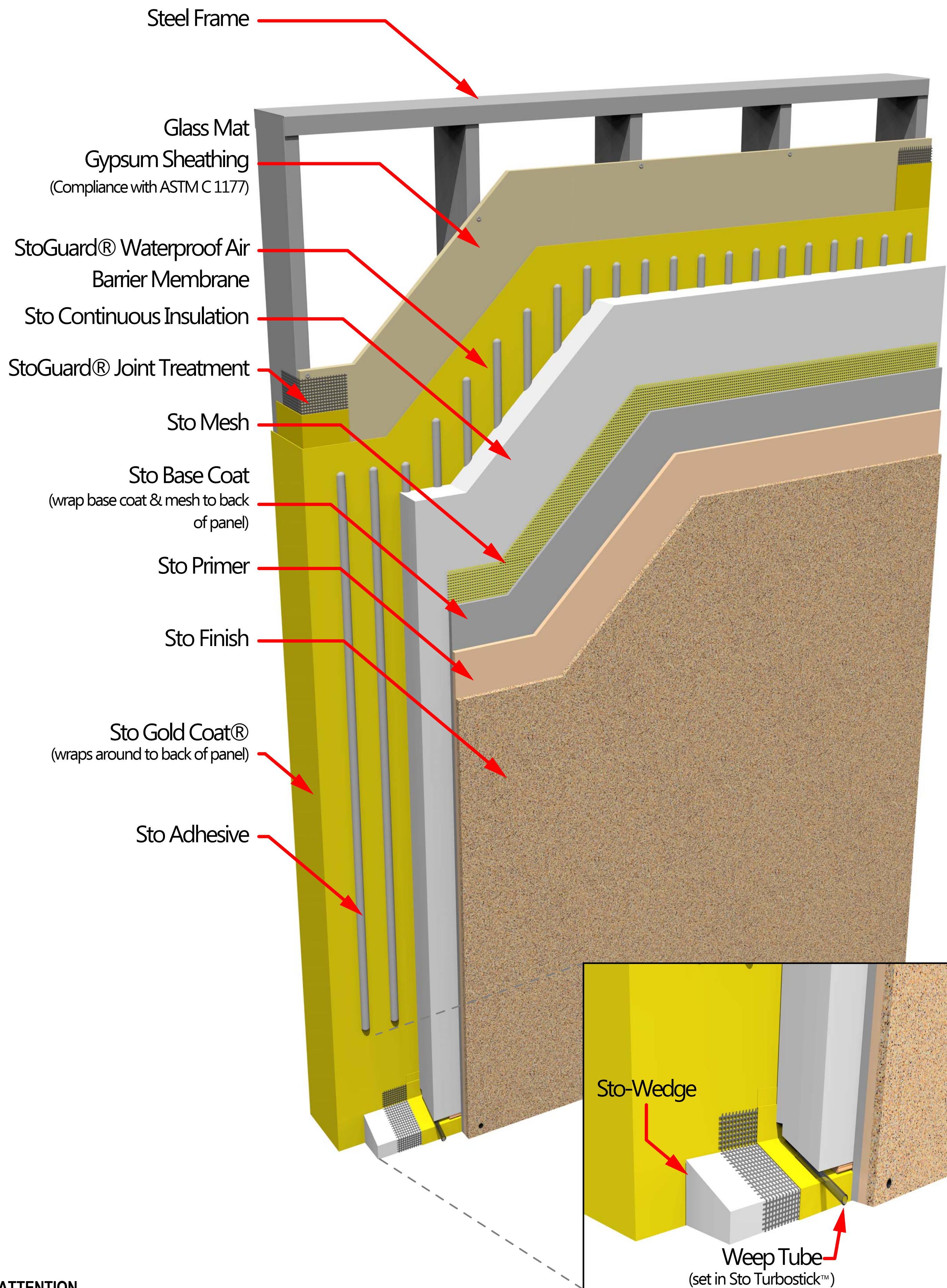
ASHRAE 90.1 - 2007 and 2010
Section 5: Building Envelope Continuous Insulation (ci) over Metal Frame Walls - All Climate Zones (with sufficient ci thickness)
Section 5: Continuous Air Barrier

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)



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sto panel

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PROJECT:

ARCHITECTS:

CONSTRUCTION MGR:

TITLE:

SCALE: DATE: REVISION: PROJ.NO: DWG NO: