

Sto EIFS vs. Other Claddings

Cladding Type	EIFS	Stucco	Brick Veneer Steel Stud	Brick Veneer Masonry
History of Use (approx.)	45 yrs.	Centuries	45 yrs.	N/A
Initial Cost (\$/SF) est.	Low 11.43	Low 10.56	High 20.56	High 20.96
Net Lifecycle Cost est.	Low	Low	High	High
R-Value/inch est.	Excellent R=3.8	Poor R=.20	Poor R=.20	Poor R=.20
Water Penetration Resistance	Excellent	Good	Fair	Fair
Air Infiltration Resistance	Excellent	Limited	Poor	Poor
Aesthetic Appeal	Color & Design Flexibility	Limited	Limited	Limited
Structural Consideration, Deflection Criteria/Weight	Non-load bearing; L/240; minimal weight 3.61 psf	Non-load bearing; L/360; moderate weight 8.7 psf	Load bearing; L/600; significant weight, 40 psf	Load bearing; L/600; significant weight, 40 psf
Maintenance	Clean, recoat, repair or replace joint sealers	Clean, repair cracks, recoat, repair or replace joint sealers	Clean, repaint, sandblast, repair or replace joint sealers	Clean, repaint, sandblast, repair or replace joint sealers

Metric Conversions

psf to kg/m², multiply by 4.88243

R-value to ft² h F/BTU to m² K/W, multiply by 0.176110