

Exterior Insulation & Finish System



BRINGING GREEN
SOLUTIONS TO
THE WORLD OF
ARCHITECTURE



Energy Efficiency, Beauty, Durability, Versatility That is the **InsuCrete** Advantage

InsuCrete ST Exterior Insulation and Finish System (EIFS) is a light-weight exterior wall facade and finish system. By using CCC adhesives and accessories to place the insulation board on the outside of a building, InsuCrete not only forms an exterior cladding for the building, but also provides an efficient thermal insulation system that eliminates thermal bridges and reduces air and moisture penetration into a building.

Formulated with the highest quality polymers and tested to the most demanding standards, InsuCrete provides years of maintenance-free, energy-saving service, translating into a lower life-cycle cost compared with other systems.

And with InsuCrete's unique finish stuccos, energy savings and durability need not come at the price of beauty. CCC's polymer-modified, mineral-based finish stuccos provide unrivalled workability and versatility, and superior resistance to humidity, moisture, and extreme weather.

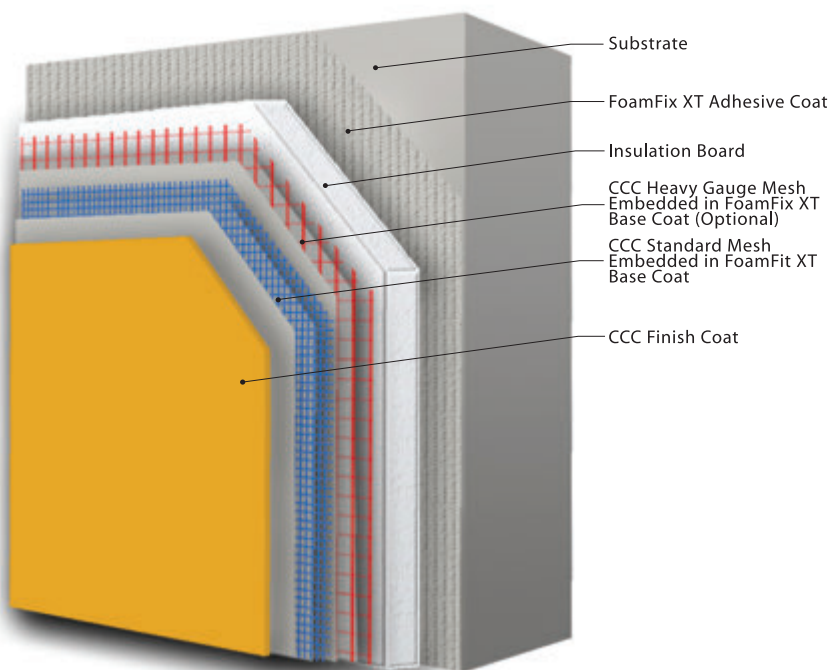
Design freedom, durability, energy efficiency, and beauty..... that is why InsuCrete is the right choice.

Why EIFS?

Completely envelopes the exterior of a building, eliminating any thermal bridges.



Easily installed from the outside of a building, making it the ideal choice for renovation work. Bestow old buildings with the insulation characteristics of modern technology.



Infrared Imagery

(Courtesy of Wacker Polymers)

Roof insulation, no EIFS

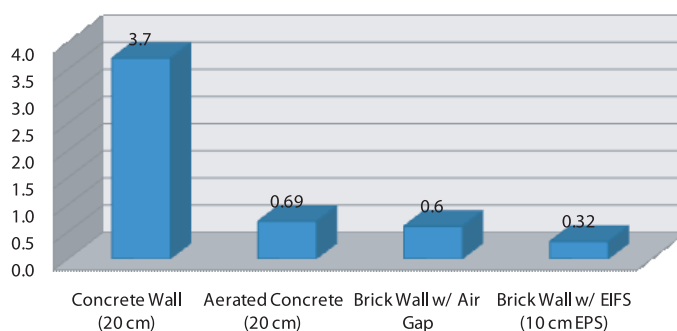


Roof insulation + EIFS



Superior "Whole Wall" R-Value

Thermal Conductivity U-Values ($\text{W/m}^2 \text{K}$)



Source: <http://www.energiesparhaus.at/denkwerkstatt/uwert.htm>

Lightweight

Only 15-17 kg/sq meter (w/ 100 mm thick, 22-24 kg/cu meter EPS and two layers of mesh).

SYSTEM COMPONENTS

- **Insulation Board:** Expanded polystyrene (EPS) board or extruded polystyrene (XPS).
- **Adhesive Coat:** CCC's **FoamFix XT** is used to adhere foam board to a suitable substrate.
- **Reinforcing Mesh:** **CCC Premium Mesh** are alkalai-resistant, specially woven glass fiber mesh. Embedded in base coat, they provide the ultimate protection against impact.
- **Base Coat:** Fiberglass mesh is embedded in CCC's **FoamFix XT** for maximum adhesion strength, impact resistance and flexibility.
- **Finish Coat:** CCC flexible, crack resistant finish stuccos provide a variety of finishes ranging from traditional textured finishes (**ArtCrete 801XT**) to a burnished Venetian plaster finish (**TopCrete 220**).

InsuCrete ST

Exterior Insulation & Finish System



CCC's premium quality, German-made mesh provide maximum protection against impact.

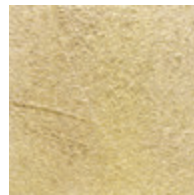
Gauranteed performance and durability backed up by testing to the rigorous and demanding standards of the European Organization for Technical Approval's (EOTA) Wall Test.



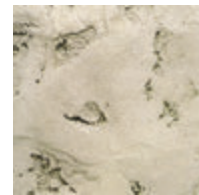
CCC is the first and only manufacturer operating in MENA to have subjected its EIF system to the tough EOTA Wall Test in collaboration with Wacker Polymers. A large InsuCrete panel was subjected to 80 extreme weather cycles after which it was inspected and tested for adhesion, impact resistance, cracking, discoloration, blistering, and perforation.

The InsuCrete Advantage.

CCC finish coatings are polymer-modified, mineral based stuccos that have suprior resistance to humidity, moisture, and the elements while providing an unlimited choice of finishes.



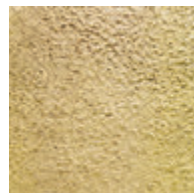
Fine Sand Float



California



Spanish



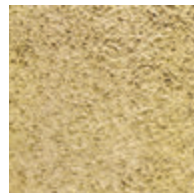
Med. Sand Float



Rock N Roll



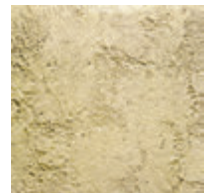
Frieze



Heavy Sand Float



Mexican



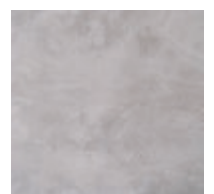
Glacier



Heavy Lace



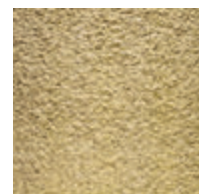
Scrapped



Venetian



Light Dash



Medium Dash



Arizona



Knockdown Dash



English



Light Lace

energy savings, material savings, time savings...
the green choice, the smart choice.

P.O Box 91324
City of Industry
California 91715-1324
Tel (909) 266-0709
Fax (909) 266-0711

P.O. Box 925794
Amman , 11110
Jordan
Tel (962-6) 487-4078
Fax (962-6) 488-9133

P.O. Box 31017
Sharjah
United Arab Emirates
Tel (971-6) 532-1119
Fax (9716) 532-8833



www.tex-crete.com ● info@tex-crete.com