

WHY WOULD “GREEN” CONCRETE APPEAR WHITE??

(answer =slag)



Living Classroom at Heron’s Head Park San Francisco

25% T-2 cement
75% Slag
100% Recycled Coarse Aggregate
100% Recycled Water

Please join us for a straight forward presentation & discussion for Architects, Engineers & Builders about “Green” concrete as a tool in LEED certified buildings + free lunch

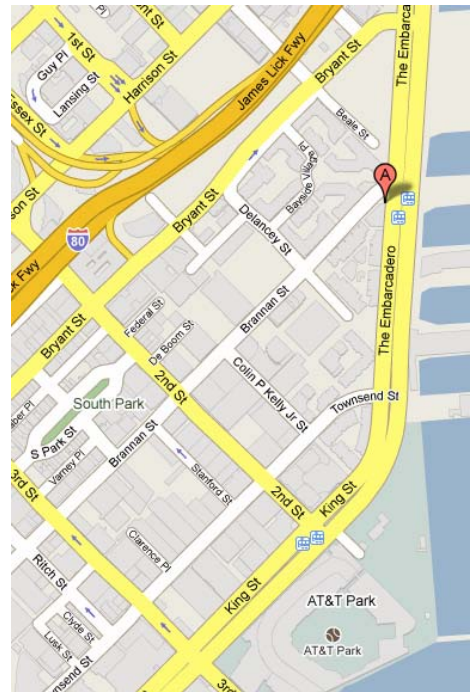
What How To Build “Green” With Concrete Luncheon Seminar

When Monday April 20, 2009, noon till 2:00 pm

Where Delancey Street Restaurant
600 Embarcadero (at Brannan), San Francisco
(415) 512-5179

RSVP: **Limited Seating**
Email rsvp@bodegravel.com or
Call (415) 920-7100 (ask for Silvia)
By April 10, 2009

(please submit any questions you may have in advance or at the luncheon)



(See Reverse Side for Topics)

PRESENTATIONS

1. **Concrete As A Green Building Material: Tarek Khan, FACI-BASF Construction Chemicals**
 - (A) Its produced locally & done properly its permanent
 - (B) Long lifecycle/recyclable
 - (C) Thermal mass to moderate indoor temperature(LEED Credit SS-C7.2)
 - (D) Concrete pavement, hardscapes, roof tops offer "heat island" reduction
 - (E) Numerous opportunities for LEED credits (LEED Credit SS-7.1)

2. **Ultra High SCM Concrete - Flyash & Slag: Tarek Khan, FACI-BASF Construction Chemicals**
 - (A) What are they & how can they reduce use of Portland cement?
 - (B) Ternary mixtures (durability benefits of cement, slag, & flash combined)
 - (C) Locally proven mix designs that reduce Portland cement usage by 70%+ (LEED Credit ID-C1.1-1.4, MR-C4)
 - (D) Initial set times comparable 3, 28, 56, 91 day strengths often better
 - (E) SCM's local availability & dependability of supply

3. **"TioCem" Cement Structures Actually Decompose NOx Pollutants: Bruce Carter, Regional QC/OA Director, Lehigh Hanson**
 - (A) Decomposes air pollutants by Photocatalytic reaction
 - (B) History, availability, & cost

4. **Innovative New Product - EPS Aggregate for Lightweight Insulating Concrete: Chris Crouch, CCI Consulting, Elemix**

5. **Pervious Concrete: John Barker**
 - (A) Storm water management-treatment (LEED Credit SS-C6.2)
 - (B) Storm water storage for irrigation (LEED Credit WE-1)
 - (C) Lighter color means heat island reduction (LEED Credit SS-7.1)

6. **Recycled Aggregates: Dan Boardman, Bode Concrete**
 - (A) Required in San Francisco in sidewalks, curbs & street base
 - (B) Local availability, strengths, durability & finishing characteristics

7. **Green Concrete to the MAX - "The Living Classroom at Heron's Head Park": Alex Rood, S.E. Fulcrum Structural Engineering**

8. **BODE-CRETE - One stop shopping for green concrete: Dan Boardman, Bode Concrete**
 - (A) Recycled aggregate concrete
 - (B) High SCM concrete & ternary mix designs
 - (C) 94 years experience in San Francisco

9. **Recognizing & Supporting Green Concrete Companies: Robert Garbini, President, National Ready Mixed Concrete Assoc.**
 - (A) Concrete industry's commitment to environmental stewardship
 - (B) NRMCA Green Star Plant Certifications
 - (C) California's first Green Star plant